

2007

Brookhaven National Laboratory Annual Illness and Injury Surveillance Report



Brookhaven National Laboratory

2007 Illness and Injury Surveillance Report

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Additional information about the Department of Energy's Office of Illness and Injury Prevention Programs, the IISP, and annual reports for DOE sites participating in this program can be found at:

<http://www.hss.energy.gov/healthsafety/WSHP/epi/surv/>



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Brookhaven National Laboratory 2007 Illness and Injury Surveillance Report

At A Glance

The BNL work force totaled 2,840 workers in 2007, a slight increase from 2,774 workers in 2006. The number of workers at BNL declined from 2003 to 2006.

The mean age of the work force has remained the same since 2005 for men (48 years) and women (46 years).

There were a total of 129 absences among 91 women, a rate of 16.6 per 100 workers. Among 213 men, there were 300 absences, a rate of 14.5 per 100 workers. The absence rates for women were lower than the rates for men from 2003 until this year, in contrast to the overall trend among the DOE sites participating in the Illness and Injury Surveillance Program (IISP). For the sites as a group, the absence rates for women were at least 50 percent higher than those of men from 1995 to 2004.

Conditions of the musculoskeletal and respiratory systems, injuries, and unspecified symptoms have been the most common diagnoses each year since 2003 for both men and women.

Service workers had the highest rate for all diagnoses combined among women in 2007, more than double their 2006 rate. Among men, Security and Fire workers had the highest rate in 2007. Their rate was two-thirds greater in 2007 compared with 2006.

Injury rates, which declined from 2004 to 2006, increased in 2007 for both men and women. The rate of musculoskeletal conditions increased sharply for women in 2007, but the rate has exhibited wide annual variation over the period 2003 through 2007. The rate of musculoskeletal conditions remained stable for men over the period. Rates of nervous system and chronic respiratory disorders reported for men and women have remained fairly steady since 2003.

BNL reported 87 definite and 4 possible occupational sentinel health event (SHEO) diagnoses in 2007. Musculoskeletal conditions (47 diagnoses) and injuries (24 diagnoses) accounted for most of the SHEO diagnoses. Six of those diagnoses were carpal tunnel syndrome, half of which were reported by women in the Service job category.

Accidents were the cause of 42 of the 46 OSHA-recordable events in 2007. The most common type of accident was overexertion and strenuous movements, which accounted for 36 percent of the accidents; falls were the second most common. Forty-three of the 55 illness and injury diagnoses reported for OSHA events were injuries.

The rate of OSHA events was 1.6 events per 100 workers in 2007, an increase from 2006 but still well below the rate of 2.0 events per 100 workers noted in 2004. As in 2006, Crafts workers had the highest rate of OSHA events in 2007 (9.2 per 100 workers). Among sites participating in the IISP, Crafts workers had the highest event rate throughout most of the period from 1995 through 2004.

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The Brookhaven National Laboratory Work Force - 2007

Figure 1. The Work Force by Gender and Age

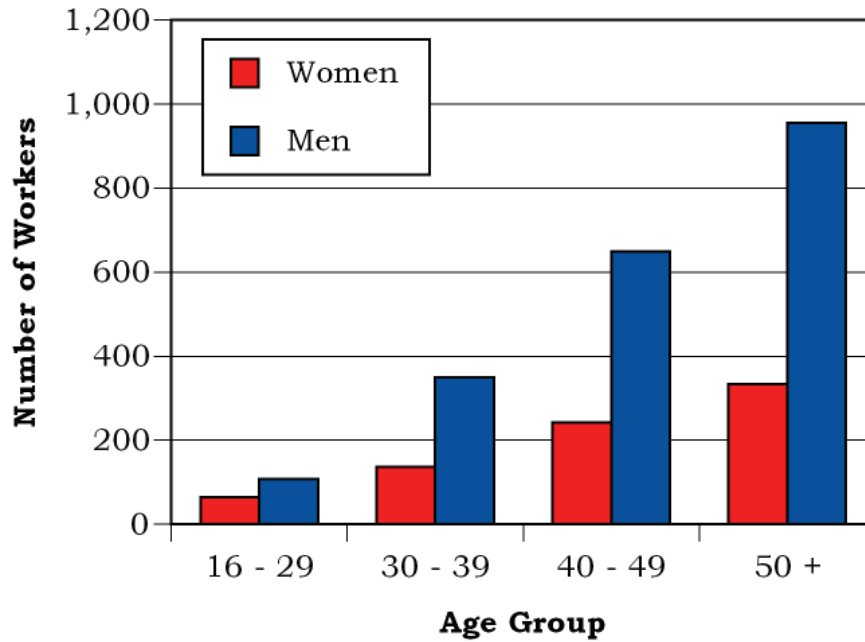


Figure 2. The Work Force by Gender and Job Category

Job Category	Women	Men
Professional	376 48%	1,290 63%
Administrative Support	300 39%	53 3%
Technical Support	42 5%	357 17%
Service	51 7%	173 8%
Security and Fire	5 1%	62 3%
Crafts	2 <1%	129 6%
Line Operators	0 0%	0 0%
Total	776 100%	2,064 100%

Number and Length of Absences

Figure 3. Absence Rate by Gender and Age

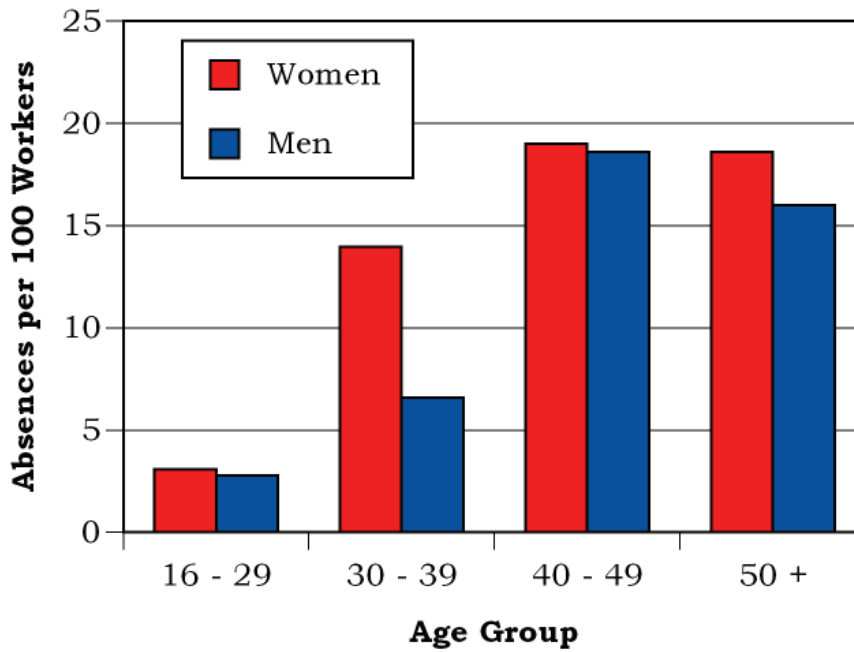


Figure 4. Number of Days Absent by Gender and Age

Gender	Age	Number of Absences	Number of Days Absent	
			Total	Average
Women	16-29	2	23	12
	30-39	19	428	23
	40-49	46	664	14
	50+	62	1,076	17
	Total	129	2,191	17
Men	16-29	3	36	12
	30-39	23	200	9
	40-49	121	1,642	14
	50+	153	3,622	24
	Total	300	5,500	18

Figure 5. Absence Rate by Job Category and Gender

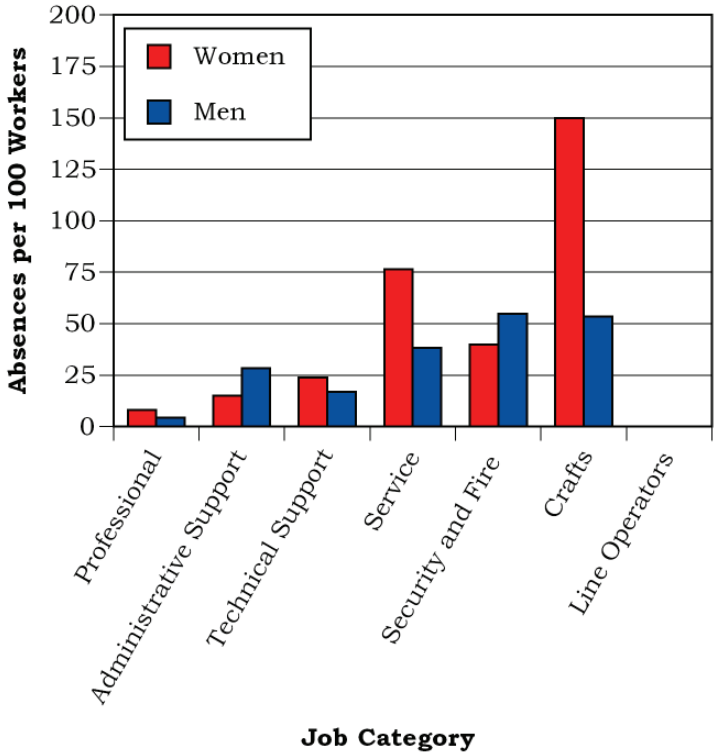
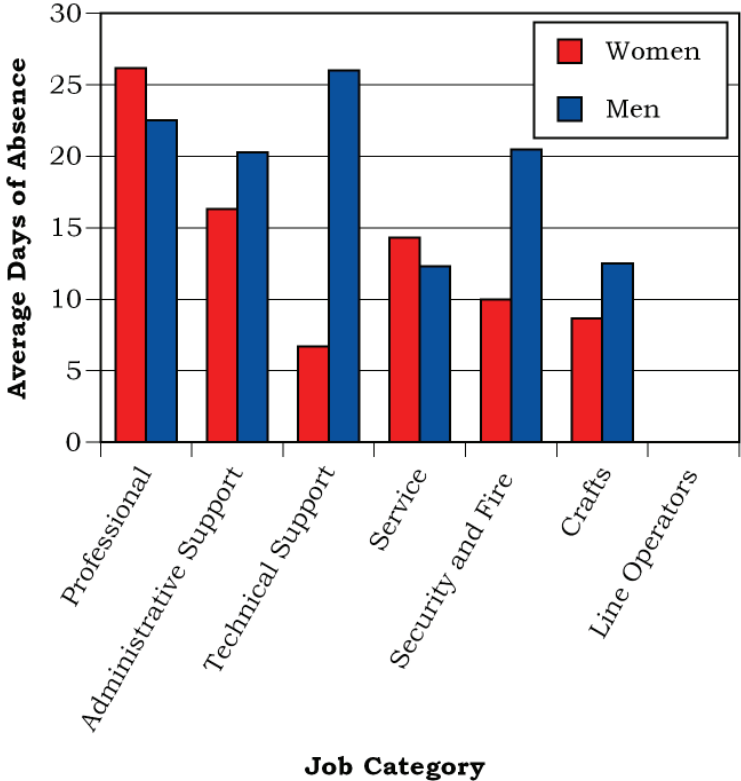


Figure 6. Average Duration of Absence by Job Category and Gender



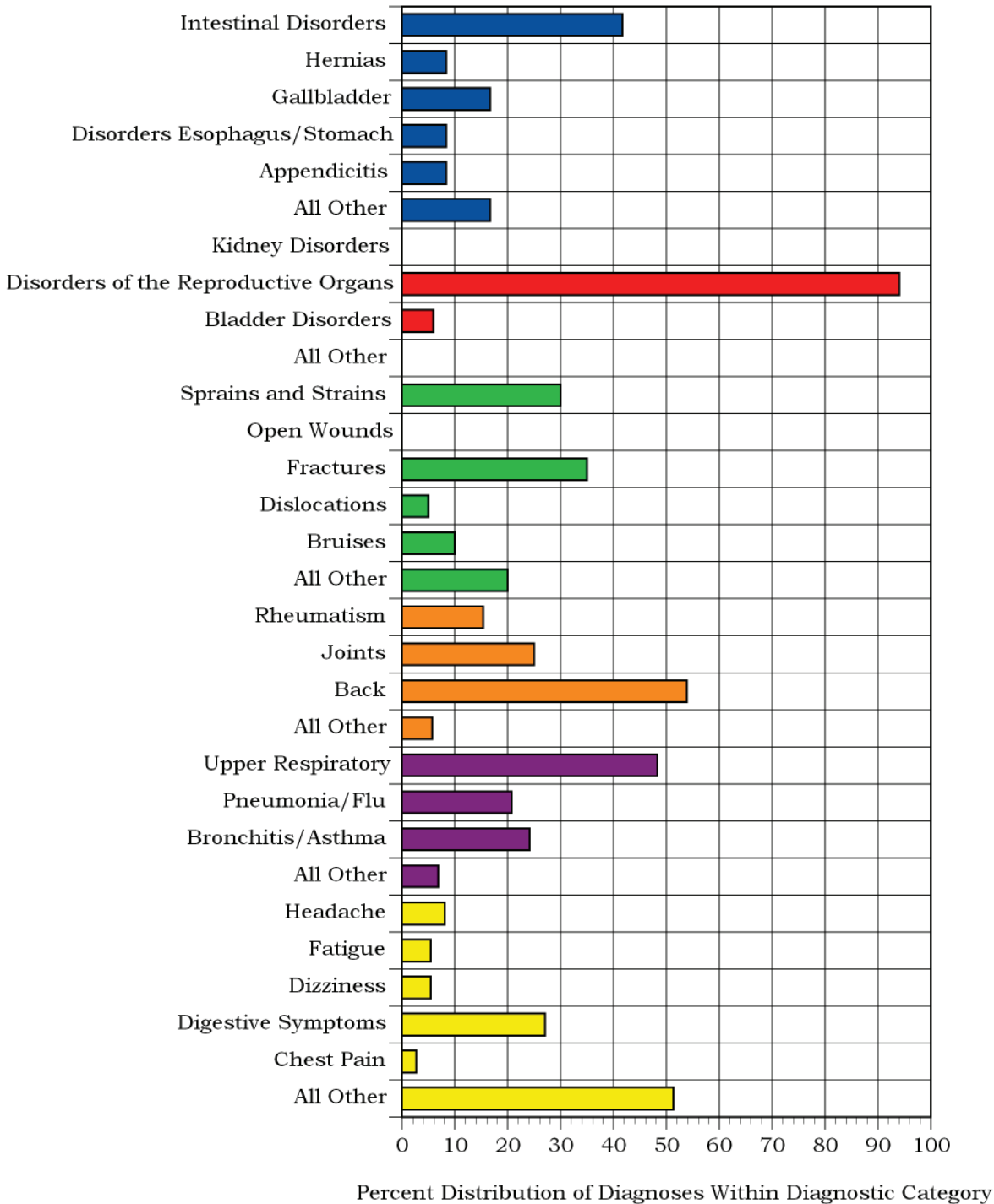
Diagnostic Categories

Figure 7. Number of Diagnoses and Lost Calendar Days by Diagnostic Category (Categorized by ICD-9-CM) and Gender

Diagnostic Category	Women		Men	
	Number of Diagnoses	Number of Lost Calendar Days	Number of Diagnoses	Number of Lost Calendar Days
Benign Growths	6	139	0	0
Blood	0	0	2	134
Cancer	3	77	12	604
Digestive	12	211	32	648
Endocrine/Metabolic	3	45	9	460
Existing Birth Condition	0	0	0	0
Genitourinary	17	124	9	389
Heart/Circulatory	2	14	30	904
Infections/Parasites	6	56	19	324
Injury	20	437	60	1,015
Miscarriage	0	0	NA	NA
Musculoskeletal	52	814	115	1,749
Nervous System	7	42	20	208
Psychological	1	14	8	167
Respiratory	29	236	56	526
Skin	0	0	4	64
Unspecified Symptoms	37	277	64	780

Note: Lost calendar days for each absence are counted more than once when multiple diagnoses occur in different diagnostic categories for the same absence.

Figure 8. Common Diagnoses Among Female Workers in 2007



■ Digestive, 12 Diagnoses	■ Musculoskeletal, 52 Diagnoses
■ Genitourinary, 17 Diagnoses	■ Respiratory, 29 Diagnoses
■ Injury, 20 Diagnoses	■ Unspecified Symptoms, 37 Diagnoses

Figure 9. Common Diagnoses Among Male Workers in 2007

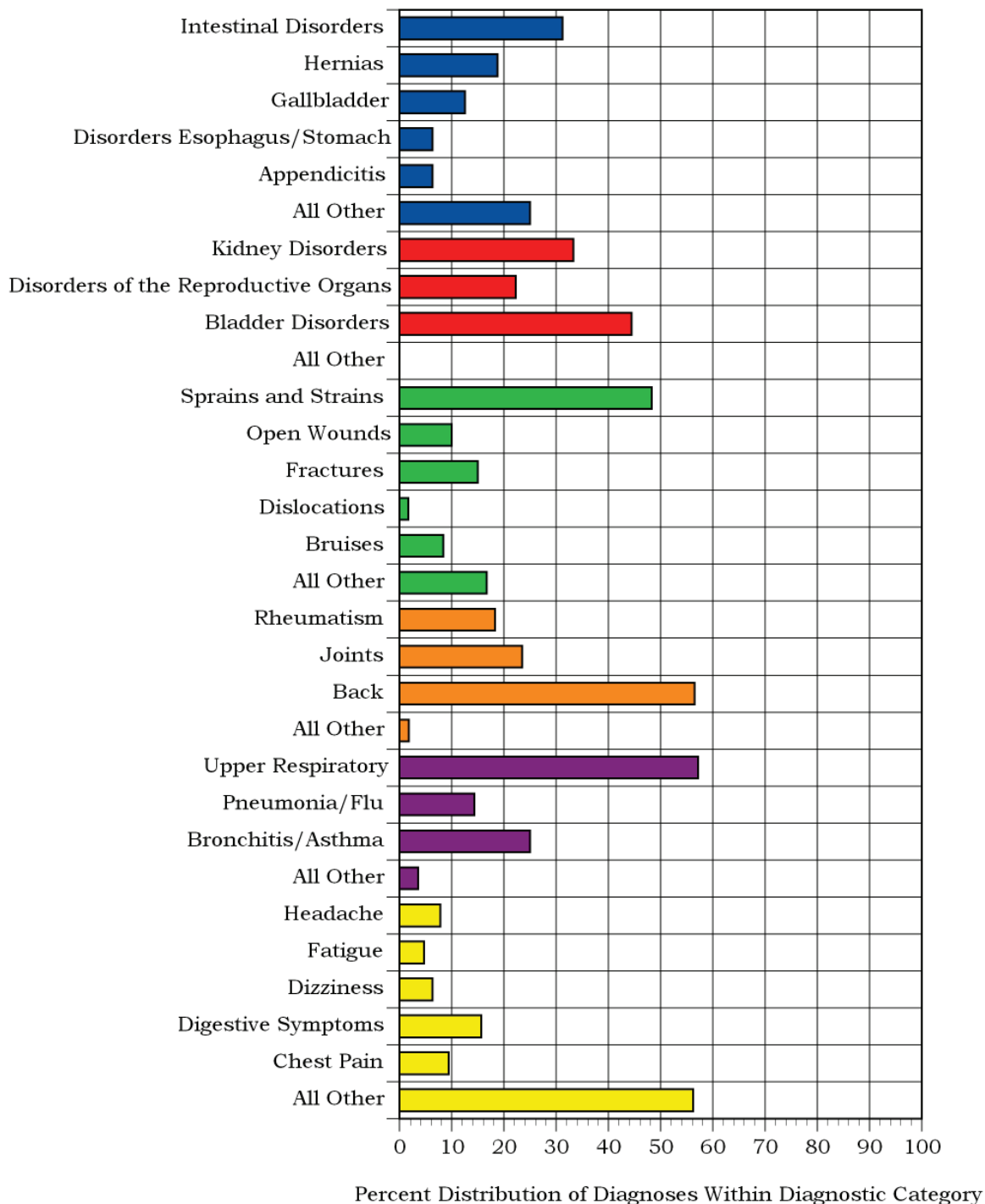


Figure 10. Number of Most Frequently Reported Diagnoses by Job Category and Gender

Job Category	Men		Women	
Professional	Injury	16	Musculoskeletal	14
	Cancer	10	Injury	7
	Digestive	8	Digestive	4
Administrative Support	Musculoskeletal	5	Respiratory	15
	Injury	3	Unspecified Symptoms	15
	Nervous System	3	Musculoskeletal	11
	Respiratory	3		
Technical Support	Musculoskeletal	22	Genitourinary	4
	Unspecified Symptoms	22	Injury	3
	Heart/Circulatory	12	Unspecified Symptoms	3
	Respiratory	12		
Service	Musculoskeletal	25	Musculoskeletal	25
	Respiratory	16	Unspecified Symptoms	17
	Unspecified Symptoms	15	Genitourinary	9
Security and Fire	Musculoskeletal	13	Respiratory	2
	Unspecified Symptoms	11	Benign Growths	1
	Injury	10		
Crafts	Musculoskeletal	43	Respiratory	3
	Injury	14		
	Respiratory	14		
Line Operators		0		0

Rates of Disease Occurrence

Figure 11. Rates for All Illnesses and Injuries Combined by Job Category, Gender, and Age

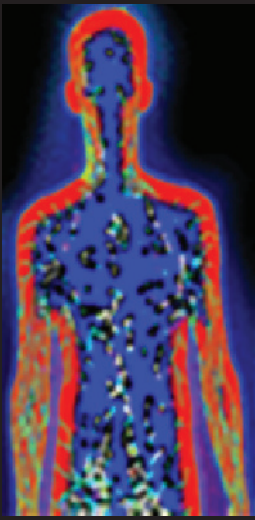
All Illnesses & Injuries Combined	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	37	43
		50+	87	179
	Administrative Support	<50	273	189
		50+	355	204
	Technical Support	<50	271	370
		50+	283	467
	Service	<50	462	1,571
		50+	600	1,375
	Security and Fire	<50	806	600
		50+	1,038	0
	Crafts	<50	853	1,500
		50+	685	0
	Line Operators	<50	0	0
		50+	0	0

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age

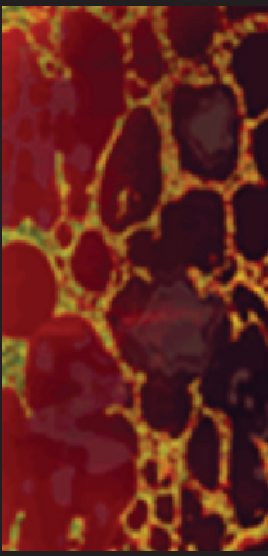
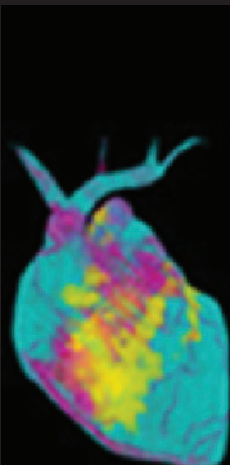
Cancer	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	17	21
	Administrative Support	<50	0	0
		50+	0	0
	Technical Support	<50	0	0
		50+	0	0
	Service	<50	11	0
		50+	13	0
	Security and Fire	<50	0	0
		50+	0	0
	Crafts	<50	0	0
		50+	0	0
	Line Operators	<50	0	0
		50+	0	0

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age (Continued)

Heart/Circulatory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	0	0
		50+	5	0
	Administrative Support	<50	0	0
		50+	32	0
	Technical Support	<50	29	0
		50+	37	0
	Service	<50	32	29
		50+	50	63
	Security and Fire	<50	56	0
		50+	115	0
	Crafts	<50	0	0
		50+	37	0
	Line Operators	<50	0	0
		50+	0	0

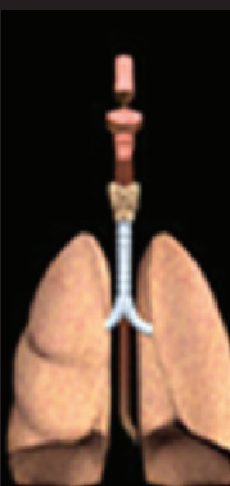

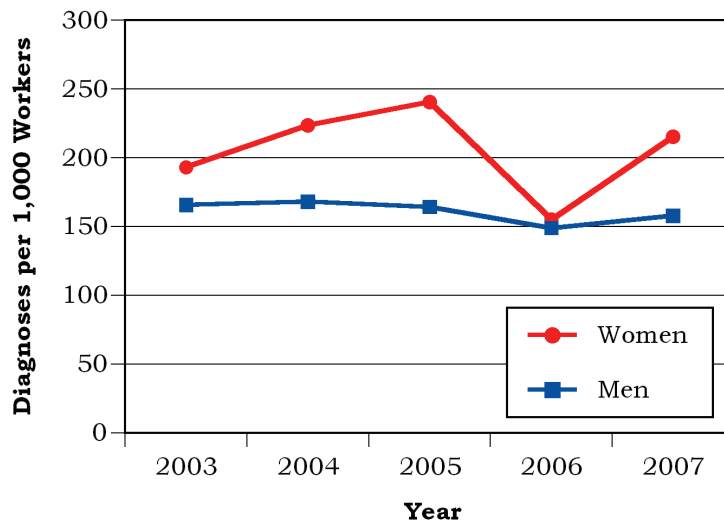
Respiratory	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	1	4
		50+	9	14
	Administrative Support	<50	45	49
		50+	65	51
	Technical Support	<50	41	37
		50+	27	67
	Service	<50	97	57
		50+	88	125
	Security and Fire	<50	83	400
		50+	77	0
	Crafts	<50	93	1,500
		50+	130	0
	Line Operators	<50	0	0
		50+	0	0

Figure 12. Rates for Selected Diagnostic Categories by Job Category, Gender, and Age (Continued)

Injury	Rate per 1,000			
	Job Category	Age	Men	Women
	Professional	<50	10	13
		50+	16	28
	Administrative Support	<50	0	28
		50+	97	6
	Technical Support	<50	29	0
		50+	11	200
	Service	<50	65	57
		50+	50	188
	Security and Fire	<50	194	0
		50+	115	0
	Crafts	<50	160	0
		50+	37	0
Line Operators	<50	0	0	
	50+	0	0	

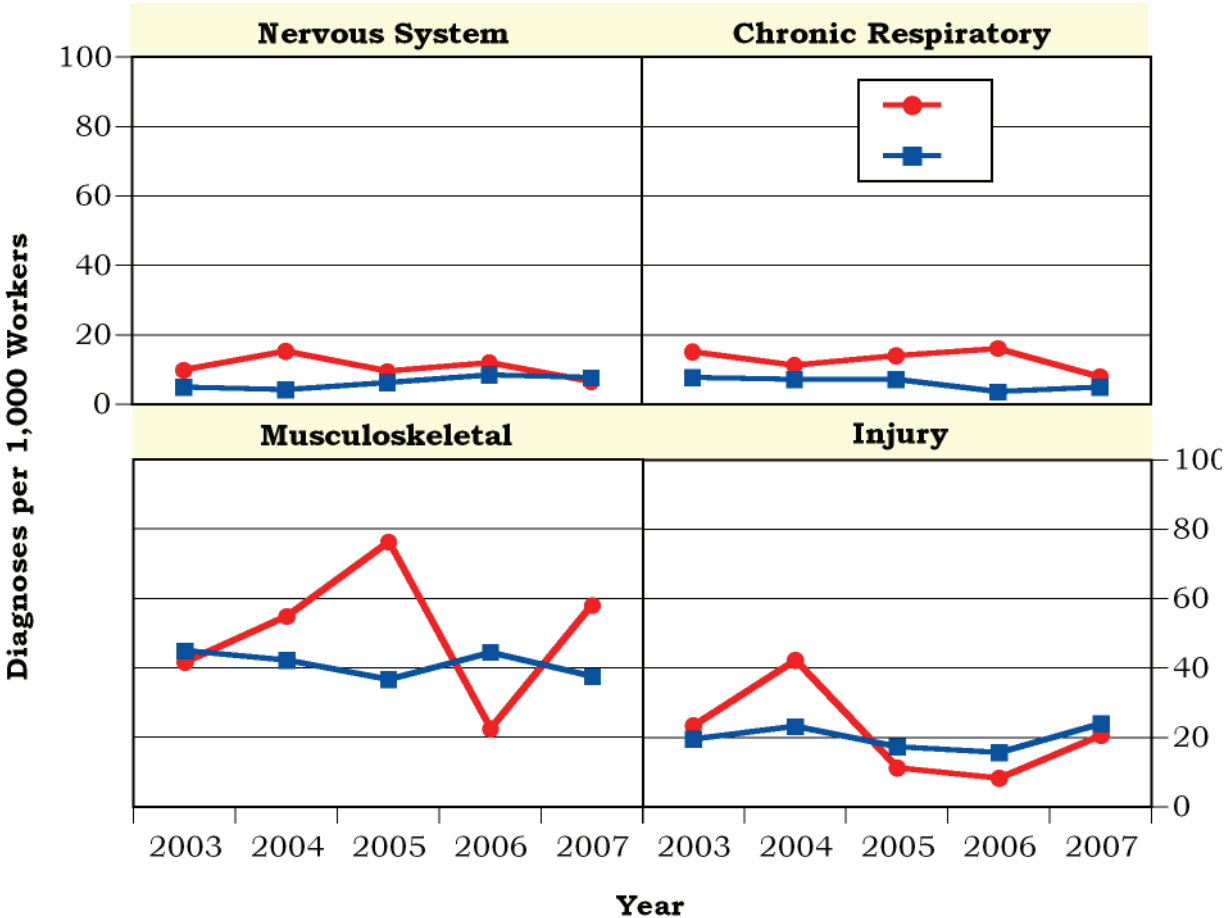
Time Trends

Figure 13. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men from 2003 to 2007*



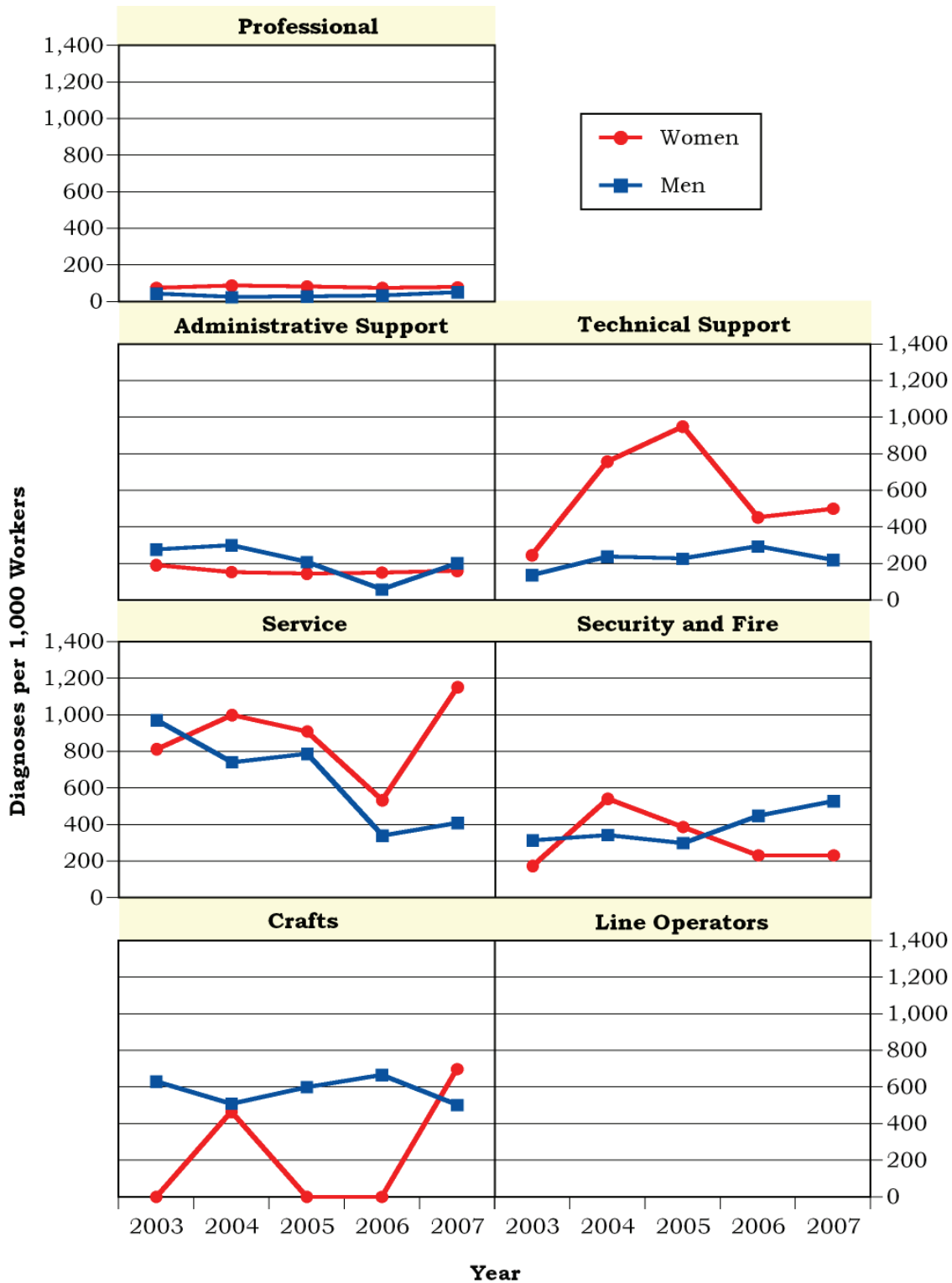
* Standardized to age distribution of 2000 U.S. population.

Figure 14. Age-Adjusted Rates for Selected Diagnostic Categories Among Women and Men from 2003 to 2007*



* Standardized to age distribution of 2000 U.S. population.

Figure 15. Age-Adjusted Rates for All Diagnoses Combined Among Women and Men by Job Category from 2003 to 2007*



* Standardized to age distribution of 2000 U.S. population.

Sentinel Health Events for Occupations (SHEOs)

An occupational sentinel health event (SHEO) is a disease, disability, or death that is likely to be occupationally related. Although sentinel health events may indicate an occupational exposure, many may result from nonoccupational exposures. Sentinel health events are therefore assessed in two categories:

Definite Sentinel Health Events: Diseases that are unlikely to occur in the absence of an occupational exposure (e.g., asbestosis).

Possible Sentinel Health Events: Diseases that may be occupational but can also occur in the absence of an occupational exposure (e.g., lung cancer or carpal tunnel syndrome).

Figure 16. Characteristics of SHEOs by Gender

	Total Number of SHEO Diagnoses		Total Number of Days Absent	
	Men	Women	Men	Women
Definite	66	21	672	204
Possible	2	2	61	12
Total	68	23	733	216

Figure 17. SHEO Diagnoses by Gender

Diagnoses	Gender	
	Women	Men
Carpal Tunnel Syndrome	3	3
Pneumonconiosis (Berylliosis)	0	0
Musculoskeletal Conditions	13	34
Injuries	5	19
Other Conditions	2	12

Occupational Safety and Health Administration (OSHA)-Recordable Events

Figure 18. OSHA-Recordable Events by Gender and Age

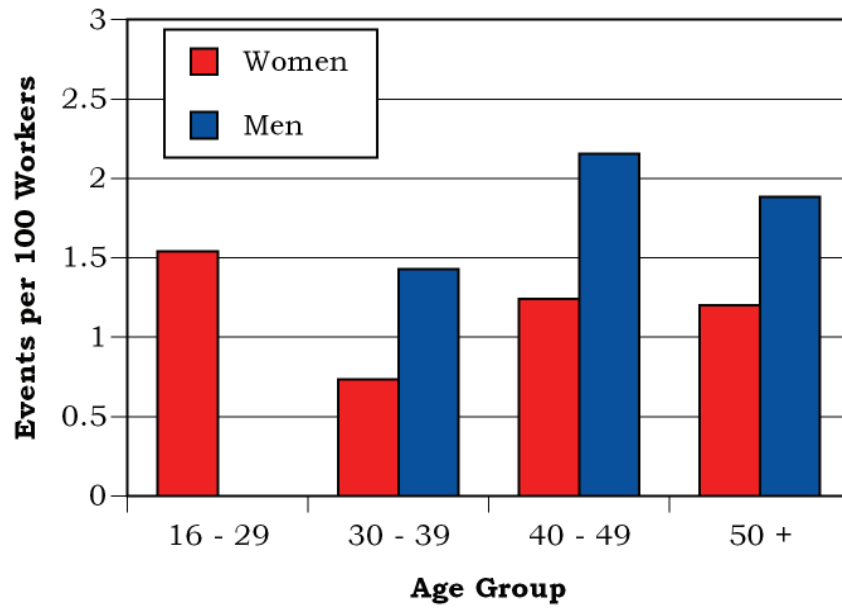
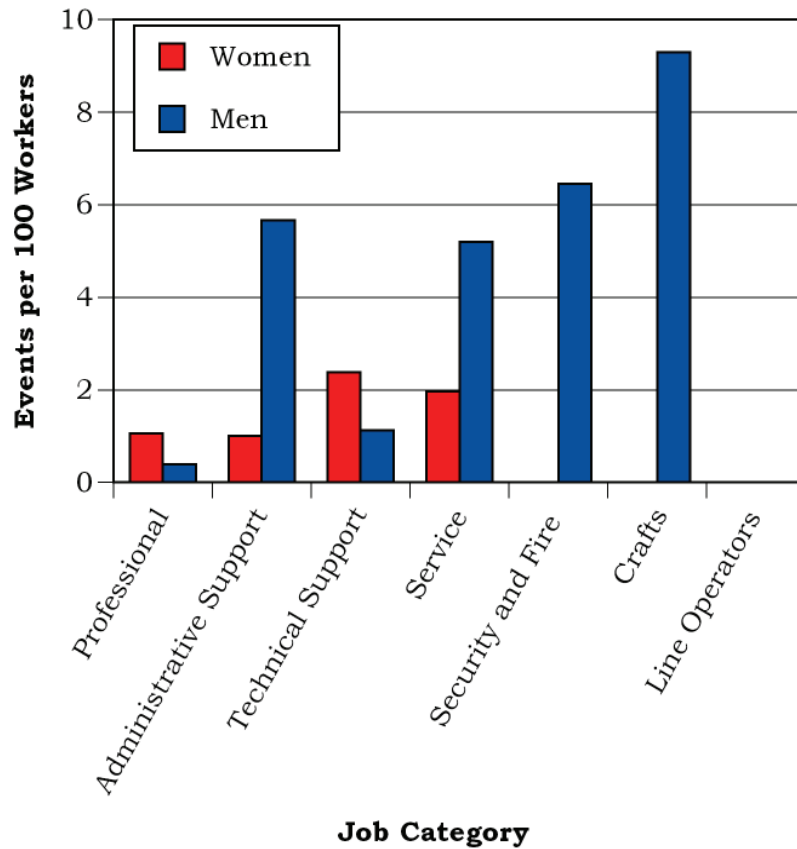


Figure 19. OSHA-Recordable Events by Job Category and Gender



Diagnostic and Accident Categories for OSHA-Recordable Events

Figure 20. OSHA-Recordable Diagnoses by Diagnostic Category and Gender

Diagnostic Category	Gender	
	Women	Men
Infections/Parasites	0	1
Musculoskeletal	1	8
Respiratory	1	0
Skin	0	1
Injury	10	33
Fractures – Lower Limb	1	0
Back Sprains & Strains	0	4
Other Sprains & Strains	0	4
Open Wounds – Upper Limb	0	3
Foreign Bodies Entering Orifice	0	3
Unspecified Injuries	9	19

Figure 21. OSHA-Recordable Accidents by Type and Gender

Accident Category	Gender	
	Women	Men
	Number of Accidents	Number of Accidents
Motor Vehicle Non-Traffic	0	1
Falls	4	5
Submersion/Suffocation/Foreign Bodies	0	3
Other Accidents	3	26
Struck by an Object	0	8
Caught Between Objects	0	1
Machinery	0	3
Cutting/Piercing Instrument/Object	0	2
Overexertion/Strenuous Movements	3	12
Total	7	35

Rates of OSHA-Recordable Events

Figure 22. OSHA-Recordable Rates by Age and Job Categories Among Women, All Diagnoses Combined

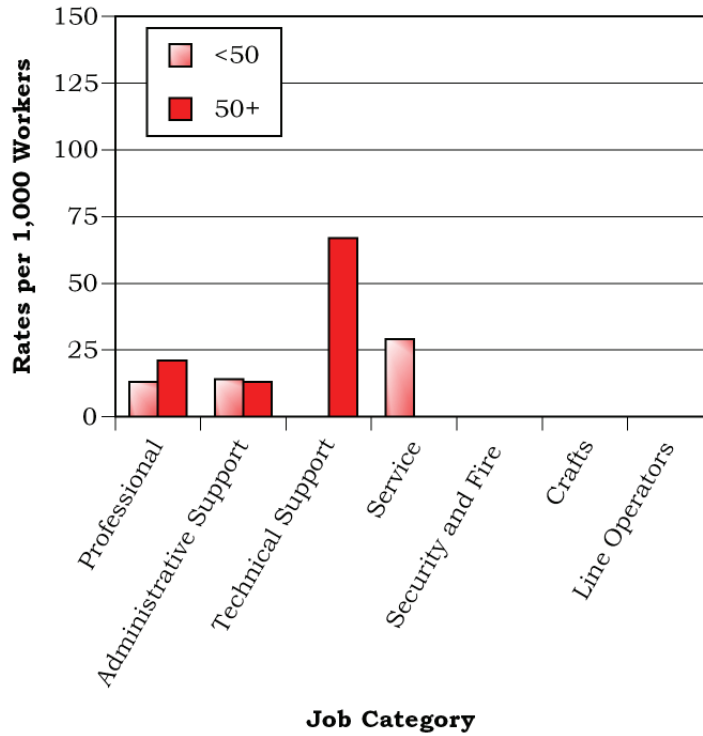
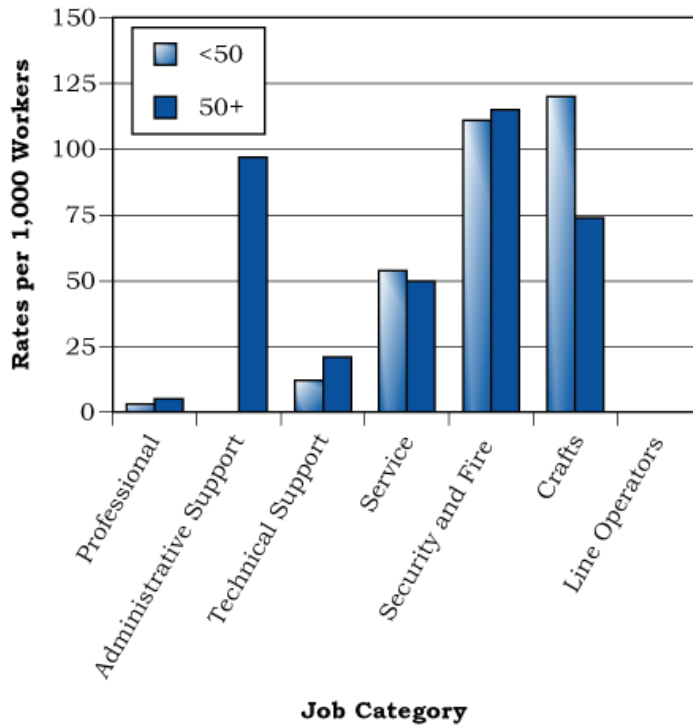
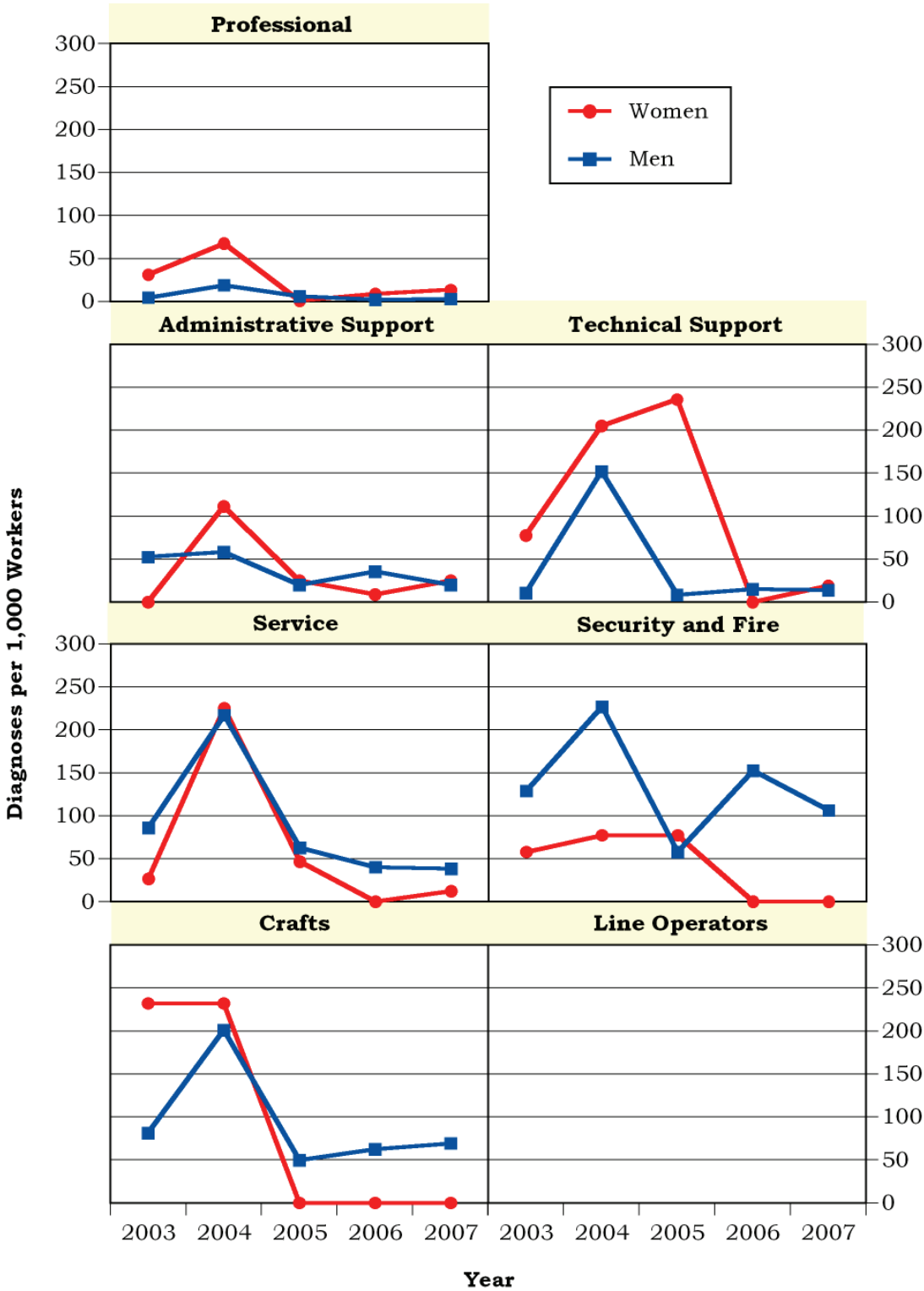


Figure 23. OSHA-Recordable Rates by Age and Job Categories Among Men, All Diagnoses Combined



Time Trends for OSHA-Recordable Events

Figure 24. Age-Adjusted Rates for All OSHA-Recordable Diagnoses Combined Among Women and Men by Job Category from 2003 to 2007*



* Standardized to age distribution of 2000 U.S. population.

Appendices

Brookhaven National Laboratory 2007

Absence Data

Appendix A. Work Force by Gender, Age, and Job Category

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	40	78	113	145	376	83	283	346	578	1,290	1,666
Administrative Support	18	34	91	157	300	7	3	12	31	53	353
Technical Support	4	8	15	15	42	11	25	134	187	357	399
Service	2	14	19	16	51	5	22	66	80	173	224
Security and Fire	1	1	3	0	5	2	4	30	26	62	67
Crafts	0	1	1	0	2	0	13	62	54	129	131
TOTAL	65	136	242	333	776	108	350	650	956	2,064	2,840

Appendix B. Age Distribution of the Work Force by Gender

Year	Women				Men			
	Percent Distribution by Age Group				Percent Distribution by Age Group			
	16 - 29	30 - 39	40 - 49	50 +	16 - 29	30 - 39	40 - 49	50 +
1994	19.78	30.12	28.60	21.50	9.31	29.13	26.54	35.02
1995	16.30	31.02	29.13	23.55	7.77	28.63	28.31	35.29
1996	14.94	31.24	29.55	24.27	7.53	27.59	30.29	34.59
1997	13.73	28.49	31.56	26.22	6.34	27.74	29.60	36.32
1998	12.57	25.62	33.25	28.55	6.55	25.61	31.19	36.65
1999	10.41	24.16	33.97	31.46	5.46	23.81	32.72	38.02
2000	9.70	23.95	34.49	31.86	5.70	23.03	34.39	36.87
2001	9.61	22.63	36.01	31.75	5.93	20.97	35.70	37.40
2002	8.86	22.39	36.04	32.72	5.51	20.04	36.49	37.96
2003	9.14	20.90	36.42	33.54	4.97	18.22	37.06	39.74
2004	9.64	20.05	35.55	34.77	4.96	17.70	37.07	40.27
2005	7.82	18.33	34.77	39.08	5.01	16.64	34.53	43.82
2006	9.08	15.75	34.18	40.99	5.14	16.79	32.15	45.93
2007	8.38	17.53	31.19	42.91	5.23	16.96	31.49	46.32

Brookhaven National Laboratory 2007

Absence Data

Appendix C. Total Number of Workers Who Reported at Least One Absence by Gender, Age, and Job Category*

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	3	4	20	27	3	3	13	27	46	73
Administrative Support	1	4	14	14	33	0	0	3	9	12	45
Technical Support	1	2	1	3	7	0	5	24	26	55	62
Service	0	4	9	8	21	0	7	15	23	45	66
Security and Fire	0	0	2	0	2	0	0	13	10	23	25
Crafts	0	1	0	0	1	0	2	19	11	32	33
TOTAL	2	14	30	45	91	3	17	87	106	213	304

*Only those job categories and gender/age combinations with at least one absence appear in this table.

Appendix D. Total Number of Absences by Gender, Age, and Job Category*

Job Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Professional	0	3	4	23	30	3	4	15	34	56	86
Administrative Support	1	4	18	22	45	0	0	5	10	15	60
Technical Support	1	3	1	5	10	0	5	26	29	60	70
Service	0	6	21	12	39	0	12	17	37	66	105
Security and Fire	0	0	2	0	2	0	0	17	17	34	36
Crafts	0	3	0	0	3	0	2	41	26	69	72
TOTAL	2	19	46	62	129	3	23	121	153	300	429

*Only those job categories and gender/age combinations with at least one absence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix E. Distribution of the Number of Calendar Days Missed per Absence by Gender and Age*

# of Calendar Days	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
< 15	1	15	36	42	94	2	19	85	106	212	306
15 - 28	1	1	4	6	12	1	3	18	19	41	53
29 - 42	0	0	1	6	7	0	1	12	7	20	27
43 - 56	0	1	3	4	8	0	0	4	8	12	20
57 - 91	0	1	1	4	6	0	0	2	5	7	13
92 - 182	0	1	1	0	2	0	0	0	5	5	7
183 +	0	0	0	0	0	0	0	0	3	3	3
TOTAL	2	19	46	62	129	3	23	121	153	300	429

*Only those gender/age combinations with at least one absence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix F. Distribution of the Number of Calendar Days Missed per Absence by Gender and Job Category*

Women

# of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	19	31	9	30	2	3	94
15 - 28	3	4	1	4	0	0	12
29 - 42	1	5	0	1	0	0	7
43 - 56	3	4	0	1	0	0	8
57 - 91	3	0	0	3	0	0	6
92 - 182	1	1	0	0	0	0	2
183 +	0	0	0	0	0	0	0
TOTAL	30	45	10	39	2	3	129

Men

# of Calendar Days	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
< 15	37	9	39	51	21	55	212
15 - 28	7	4	7	7	8	8	41
29 - 42	7	0	4	4	3	2	20
43 - 56	3	1	3	2	1	2	12
57 - 91	1	0	5	1	0	0	7
92 - 182	0	1	1	1	0	2	5
183 +	1	0	1	0	1	0	3
TOTAL	56	15	60	66	34	69	300

*Only those gender/job category combinations with at least one absence appear in this table.

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Absence Data

Appendix G. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	2	4	6
-Intestinal Infectious Dis	001-009	0	0	0	1	1
-Other Bacterial Dis	030-041	0	0	0	1	1
-Viral Dis with Exanthem	050-057	0	0	0	0	0
-Other Viral Dis & Chlamydiae	070-079	0	0	2	0	2
-Rickettsioses & Other Arthropod	080-088	0	0	0	2	2
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	3	3
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	0	0
-Digestive & Peritoneal	150-159	0	0	0	1	1
-Respiratory & Intrathoracic	160-165	0	0	0	0	0
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	1	1
-Genitourinary	179-189	0	0	0	0	0
-Other & Unspecified Sites	190, 193-199	0	0	0	1	1
-Lymphatic & Hematopoietic	200-208	0	0	0	0	0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	5	1	6
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	1	2	3
-Thyroid Gland Disorders	240-246	0	0	0	0	0
-Other Endocrine Gland Dis	250-259	0	0	0	1	1
-Other Metabolic & Immunity Disorders	270-279	0	0	1	1	2
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	0	0	1	1
-Psychoses	290-299	0	0	0	0	0
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	1	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	4	3	7
-Other Disorders of Central NS	340-349	0	0	0	0	0
-Disorders of Peripheral NS	350-359	0	0	3	1	4
-Disorders of Eye	360-379	0	0	1	2	3
-Dis of Ear & Mastoid	380-389	0	0	0	0	0
CIRCULATORY SYSTEM	390-459	0	0	1	1	2
-Hypertensive Dis	401-405	0	0	0	1	1
-Ischemic Heart Dis	410-414	0	0	0	0	0
-Other Heart Dis	420-429	0	0	1	0	1
-Cerebrovascular Dis	430-438	0	0	0	0	0
-Dis of Veins, Lymphatics, Other	451-459	0	0	0	0	0
RESPIRATORY SYSTEM	460-519	1	7	8	13	29
-Acute Respiratory Infections	460-466	1	2	3	6	12

(Continued)

*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix G. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	2	7	10	19	25	
-Intestinal Infectious Dis	001-009	0	0	0	1	1	2	
-Other Bacterial Dis	030-041	0	2	3	2	7	8	
-Viral Dis with Exanthem	050-057	0	0	0	1	1	1	
-Other Viral Dis & Chlamydiae	070-079	0	0	4	5	9	11	
-Rickettsioses & Other Arthropod	080-088	0	0	0	0	0	2	
-Other Infections & Parasitic Dis	130-136	0	0	0	1	1	1	
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	1	11	12	15	
-Lip, Oral Cavity, Pharynx	140-149	0	0	0	1	1	1	
-Digestive & Peritoneal	150-159	0	0	0	1	1	2	
-Respiratory & Intrathoracic	160-165	0	0	0	1	1	1	
-Bone, Connective Tissue, Skin	170-173, 176	0	0	0	0	0	1	
-Genitourinary	179-189	0	0	1	5	6	6	
-Other & Unspecified Sites	190, 193-199	0	0	0	2	2	3	
-Lymphatic & Hematopoietic	200-208	0	0	0	1	1	1	
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	6	
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	2	7	9	12	
-Thyroid Gland Disorders	240-246	0	0	0	1	1	1	
-Other Endocrine Gland Dis	250-259	0	0	0	4	4	5	
-Other Metabolic & Immunity Disorders	270-279	0	0	2	2	4	6	
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	2	2	2	
MENTAL DISORDERS	290-319	0	1	2	5	8	9	
-Psychoses	290-299	0	1	0	0	1	1	
-Non-Psychotic Disorders	300-302, 306-316	0	0	2	5	7	8	
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	4	5	11	20	27	
-Other Disorders of Central NS	340-349	0	0	0	2	2	2	
-Disorders of Peripheral NS	350-359	0	0	2	3	5	9	
-Disorders of Eye	360-379	0	4	1	3	8	11	
-Dis of Ear & Mastoid	380-389	0	0	2	3	5	5	
CIRCULATORY SYSTEM	390-459	0	0	10	20	30	32	
-Hypertensive Dis	401-405	0	0	2	5	7	8	
-Ischemic Heart Dis	410-414	0	0	5	8	13	13	
-Other Heart Dis	420-429	0	0	1	5	6	7	
-Cerebrovascular Dis	430-438	0	0	0	1	1	1	
-Dis of Veins, Lymphatics, Other	451-459	0	0	2	1	3	3	
RESPIRATORY SYSTEM	460-519	1	6	21	28	56	85	
-Acute Respiratory Infections	460-466	1	3	9	8	21	33	

(Continued)

*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

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Absence Data

Appendix G. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women					TOTAL
		Age Group					
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
-Other Dis Upper Respiratory Tract	470-478	0	1	0	1	2	
-Pneumonia & Influenza	480-487	0	3	2	1	6	
-Chronic Obstructive Dis	490-496	0	1	2	4	7	
-Other Respiratory Dis	510-519	0	0	1	1	2	
DIGESTIVE SYSTEM	520-579	0	2	8	2	12	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	1	1	2	
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	1	
-Appendicitis	540-543	0	0	1	0	1	
-Hernia	550-553	0	1	0	0	1	
-Enteritis, Colitis	555-558	0	0	2	0	2	
-Other Intestinal Dis	560-569	0	1	2	0	3	
-Other Digestive Dis	570-579	0	0	1	1	2	
GENITOURINARY SYSTEM	580-629	3	1	10	3	17	
-Other Urinary Dis	590-599	0	0	0	1	1	
-Male Genital Organ Dis	600-608	0	0	0	0	0	
-Breast Disorders	610-611	0	0	0	1	1	
-Pelvic Inflammatory Dis	614-616	0	1	0	0	1	
-Other Female Disorders	617-629	3	0	10	1	14	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	
-Infections	680-686	0	0	0	0	0	
-Other	700-709	0	0	0	0	0	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	12	13	27	52	
-Arthropathies	710-719	0	3	4	6	13	
-Dorsopathies	720-724	0	9	8	11	28	
-Rheumatism, Excluding Back	725-729	0	0	1	7	8	
-Other Dis & Acquired Deformities	730-739	0	0	0	3	3	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	8	13	16	37	
-Symptoms	780-789	0	8	13	14	35	
-Non-Specific Abnormal Findings	790-796	0	0	0	2	2	
INJURY & POISONING	800-999	0	3	6	11	20	
-Fracture - Neck, Trunk	805-809	0	1	0	3	4	
-Fracture - Upper Limb	810-819	0	0	0	1	1	
-Fracture - Lower Limb	820-829	0	0	0	2	2	
-Dislocation	830-839	0	0	1	0	1	
-Sprains & Strains - Back	846-847	0	0	1	1	2	
-Sprains & Strains - Other	840-845, 848	0	1	1	2	4	

(Continued)

*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix G. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Other Dis Upper Respiratory Tract	470-478	0	2	4	5	11	13	
-Pneumonia & Influenza	480-487	0	0	1	7	8	14	
-Chronic Obstructive Dis	490-496	0	1	7	6	14	21	
-Other Respiratory Dis	510-519	0	0	0	2	2	4	
DIGESTIVE SYSTEM	520-579	0	2	21	9	32	44	
-Oral Cavity, Saliva Glands, Jaw	520-529	0	0	5	1	6	8	
-Esophagus, Stomach, Duodenum	530-537	0	0	2	0	2	3	
-Appendicitis	540-543	0	0	2	0	2	3	
-Hernia	550-553	0	0	2	4	6	7	
-Enteritis, Colitis	555-558	0	0	4	1	5	7	
-Other Intestinal Dis	560-569	0	1	3	1	5	8	
-Other Digestive Dis	570-579	0	1	3	2	6	8	
GENITOURINARY SYSTEM	580-629	2	1	3	3	9	26	
-Other Urinary Dis	590-599	2	1	2	2	7	8	
-Male Genital Organ Dis	600-608	0	0	1	1	2	2	
-Breast Disorders	610-611	0	0	0	0	0	1	
-Pelvic Inflammatory Dis	614-616	0	0	0	0	0	1	
-Other Female Disorders	617-629	0	0	0	0	0	14	
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	3	4	4	
-Infections	680-686	0	0	1	1	2	2	
-Other	700-709	0	0	0	2	2	2	
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	4	56	55	115	167	
-Arthropathies	710-719	0	0	15	12	27	40	
-Dorsopathies	720-724	0	3	35	27	65	93	
-Rheumatism, Excluding Back	725-729	0	1	5	15	21	29	
-Other Dis & Acquired Deformities	730-739	0	0	1	1	2	5	
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	5	20	39	64	101	
-Symptoms	780-789	0	5	19	33	57	92	
-Non-Specific Abnormal Findings	790-796	0	0	1	6	7	9	
INJURY & POISONING	800-999	1	8	28	23	60	80	
-Fracture - Neck, Trunk	805-809	0	0	0	4	4	8	
-Fracture - Upper Limb	810-819	0	1	1	1	3	4	
-Fracture - Lower Limb	820-829	0	1	0	1	2	4	
-Dislocation	830-839	0	0	0	1	1	2	
-Sprains & Strains - Back	846-847	0	0	6	0	6	8	
-Sprains & Strains - Other	840-845, 848	0	4	12	7	23	27	

(Continued)

*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

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Absence Data

Appendix G. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
-Intracranial Injury	850-854	0	0	0	0	0
-Open Wound - Head, Neck, Trunk	870-879	0	0	0	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0
-Superficial Injury	910-919	0	0	0	0	0
-Contusion	920-924	0	0	1	1	2
-Crushing Injury	925-929	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0
-Injury to Nerves & Spinal Cord	950-957	0	0	0	0	0
-Toxic Effects - Non-medicinal	980-989	0	0	0	0	0
-Unspecified Effects - External Causes	990-995	0	0	1	1	2
-Complications of Surgical/Medical Care	996-999	0	1	1	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	1	3	1	0	5
-Isolation & Prophylactic Measures	V07-V09	0	0	0	0	0
-Personal & Family History	V10-V19	0	0	0	0	0
-Health Services Reproduction/Development	V20-V29	1	3	0	0	4
-Specific Procedures/Aftercare	V50-V59	0	0	0	0	0
-Other Circumstances	V60-V69	0	0	1	0	1

*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

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Absence Data

Appendix G. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Men					TOTAL	TOTAL
		Age Group				TOTAL		
		16 - 29	30 - 39	40 - 49	50 +			
Diagnostic Category	ICD-9-CM Code							
-Intracranial Injury	850-854	0	0	0	1	1	1	
-Open Wound - Head, Neck, Trunk	870-879	0	0	2	2	4	4	
-Open Wound - Upper Limb	880-887	1	0	1	0	2	2	
-Superficial Injury	910-919	0	0	1	0	1	1	
-Contusion	920-924	0	0	2	3	5	7	
-Crushing Injury	925-929	0	0	0	1	1	1	
-Foreign Body Entering Orifice	930-939	0	1	0	0	1	1	
-Injury to Nerves & Spinal Cord	950-957	0	1	0	0	1	1	
-Toxic Effects - Non-medicinal	980-989	0	0	2	0	2	2	
-Unspecified Effects - External Causes	990-995	0	0	1	0	1	3	
-Complications of Surgical/Medical Care	996-999	0	0	0	2	2	4	
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	0	1	4	3	8	13	
-Isolation & Prophylactic Measures	V07-V09	0	0	1	0	1	1	
-Personal & Family History	V10-V19	0	0	0	1	1	1	
-Health Services Reproduction/Development	V20-V29	0	1	0	0	1	5	
-Specific Procedures/Aftercare	V50-V59	0	0	0	1	1	1	
-Other Circumstances	V60-V69	0	0	3	1	4	5	

Diagnostic Category	Women					Men					TOTAL
	Age Group				TOTAL	Age Group				TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		16 - 29	30 - 39	40 - 49	50 +		
Total	5	36	72	87	200	4	34	181	229	448	648

*Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

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Absence Data

Appendix H. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Age*

		Women				
		Age Group				TOTAL
		16 - 29	30 - 39	40 - 49	50 +	
Diagnostic Category	ICD-9-CM Code					
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	11	45	56
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	0	77	77
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	82	57	139
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	12	33	45
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	0	0
MENTAL DISORDERS	290-319	0	0	0	14	14
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	0	23	19	42
CIRCULATORY SYSTEM	390-459	0	0	6	8	14
RESPIRATORY SYSTEM	460-519	2	51	62	121	236
DIGESTIVE SYSTEM	520-579	0	31	117	63	211
GENITOURINARY SYSTEM	580-629	21	11	47	45	124
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	132	209	473	814
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	100	109	68	277
INJURY & POISONING	800-999	0	184	93	160	437

		Men					TOTAL
		Age Group				TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM Code						
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	31	107	186	324	380
MALIGNANT NEOPLASMS	140-208, 230-234	0	0	4	600	604	681
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	0	0	0	0	139
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	34	426	460	505
BLOOD & BLOOD-FORMING ORGANS	280-289	0	0	0	134	134	134
MENTAL DISORDERS	290-319	0	29	61	77	167	181
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	0	37	40	131	208	250
CIRCULATORY SYSTEM	390-459	0	0	154	750	904	918
RESPIRATORY SYSTEM	460-519	5	33	171	317	526	762
DIGESTIVE SYSTEM	520-579	0	7	287	354	648	859
GENITOURINARY SYSTEM	580-629	26	4	70	289	389	513
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	7	57	64	64
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	19	686	1,044	1,749	2,563
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	0	15	179	586	780	1,057
INJURY & POISONING	800-999	5	46	278	686	1,015	1,452

*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

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Absence Data

Appendix I. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

Diagnostic Category		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
ICD-9-CM Code								
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	4	1	1	0	0	6
-Intestinal Infectious Dis	001-009	0	0	1	0	0	0	1
-Other Bacterial Dis	030-041	0	0	0	1	0	0	1
-Other Viral Dis & Chlamydiae	070-079	0	2	0	0	0	0	2
-Rickettsioses & Other Arthropod	080-088	0	2	0	0	0	0	2
MALIGNANT NEOPLASMS	140-208, 230-234	3	0	0	0	0	0	3
-Digestive & Peritoneal	150-159	1	0	0	0	0	0	1
-Bone, Connective Tissue, Skin	170-173, 176	1	0	0	0	0	0	1
-Other & Unspecified Sites	190, 193-199	1	0	0	0	0	0	1
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	1	0	4	1	0	6
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	2	0	1	0	0	3
-Other Endocrine Gland Dis	250-259	0	0	0	1	0	0	1
-Other Metabolic & Immunity Disorders	270-279	0	2	0	0	0	0	2
MENTAL DISORDERS	290-319	0	0	0	1	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	0	0	0	1	0	0	1
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	1	2	0	4	0	0	7
-Disorders of Peripheral NS	350-359	1	0	0	3	0	0	4
-Disorders of Eye	360-379	0	2	0	1	0	0	3
CIRCULATORY SYSTEM	390-459	0	0	0	2	0	0	2
-Hypertensive Dis	401-405	0	0	0	1	0	0	1
-Other Heart Dis	420-429	0	0	0	1	0	0	1
RESPIRATORY SYSTEM	460-519	3	15	2	4	2	3	29
-Acute Respiratory Infections	460-466	1	9	1	1	0	0	12
-Other Dis Upper Respiratory Tract	470-478	0	1	0	1	0	0	2
-Pneumonia & Influenza	480-487	0	2	0	0	1	3	6
-Chronic Obstructive Dis	490-496	2	2	1	2	0	0	7
-Other Respiratory Dis	510-519	0	1	0	0	1	0	2
DIGESTIVE SYSTEM	520-579	4	2	2	4	0	0	12
-Oral Cavity, Saliva Glands, Jaw	520-529	1	1	0	0	0	0	2
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	0	0	1

(Continued)

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

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Absence Data

Appendix I. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

Diagnostic Category		Women						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
-Appendicitis	540-543	0	1	0	0	0	0	1
-Hernia	550-553	0	0	0	1	0	0	1
-Enteritis, Colitis	555-558	1	0	0	1	0	0	2
-Other Intestinal Dis	560-569	0	0	1	2	0	0	3
-Other Digestive Dis	570-579	2	0	0	0	0	0	2
GENTOURINARY SYSTEM	580-629	2	2	4	9	0	0	17
-Other Urinary Dis	590-599	1	0	0	0	0	0	1
-Breast Disorders	610-611	0	0	1	0	0	0	1
-Pelvic Inflammatory Dis	614-616	1	0	0	0	0	0	1
-Other Female Disorders	617-629	0	2	3	9	0	0	14
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	14	11	2	25	0	0	52
-Arthropathies	710-719	3	2	0	8	0	0	13
-Dorsopathies	720-724	6	5	2	15	0	0	28
-Rheumatism, Excluding Back	725-729	3	3	0	2	0	0	8
-Other Dis & Acquired Deformities	730-739	2	1	0	0	0	0	3
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	2	15	3	17	0	0	37
-Symptoms	780-789	2	15	3	15	0	0	35
-Non-Specific Abnormal Findings	790-796	0	0	0	2	0	0	2
INJURY & POISONING	800-999	7	5	3	5	0	0	20
-Fracture - Neck, Trunk	805-809	0	1	2	1	0	0	4
-Fracture - Upper Limb	810-819	1	0	0	0	0	0	1
-Fracture - Lower Limb	820-829	2	0	0	0	0	0	2
-Dislocation	830-839	0	1	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	1	1	0	0	2
-Sprains & Strains - Other	840-845, 848	1	2	0	1	0	0	4
-Contusion	920-924	1	0	0	1	0	0	2
-Unspecified Effects - External Causes	990-995	1	1	0	0	0	0	2
-Complications of Surgical/Medical Care	996-999	1	0	0	1	0	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	4	0	0	1	0	0	5
-Health Services Reproduction/Development	V20-V29	3	0	0	1	0	0	4
-Other Circumstances	V60-V69	1	0	0	0	0	0	1

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix I. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

	Women						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	40	59	17	78	3	3	200

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix I. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
ICD-9-CM Code								
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	6	0	5	2	2	4	19
-Intestinal Infectious Dis	001-009	1	0	0	0	0	0	1
-Other Bacterial Dis	030-041	0	0	2	2	0	3	7
-Viral Dis with Exanthem	050-057	1	0	0	0	0	0	1
-Other Viral Dis & Chlamydiae	070-079	4	0	2	0	2	1	9
-Other Infections & Parasitic Dis	130-136	0	0	1	0	0	0	1
MALIGNANT NEOPLASMS	140-208, 230-234	10	0	0	2	0	0	12
-Lip, Oral Cavity, Pharynx	140-149	1	0	0	0	0	0	1
-Digestive & Peritoneal	150-159	1	0	0	0	0	0	1
-Respiratory & Intrathoracic	160-165	1	0	0	0	0	0	1
-Genitourinary	179-189	4	0	0	2	0	0	6
-Other & Unspecified Sites	190, 193-199	2	0	0	0	0	0	2
-Lymphatic & Hematopoietic	200-208	1	0	0	0	0	0	1
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	2	2	4	1	9
-Thyroid Gland Disorders	240-246	0	0	0	0	1	0	1
-Other Endocrine Gland Dis	250-259	0	0	0	2	1	1	4
-Other Metabolic & Immunity Disorders	270-279	0	0	2	0	2	0	4
BLOOD & BLOOD-FORMING ORGANS	280-289	1	0	0	0	0	1	2
MENTAL DISORDERS	290-319	4	1	3	0	0	0	8
-Psychoses	290-299	1	0	0	0	0	0	1
-Non-Psychotic Disorders	300-302, 306-316	3	1	3	0	0	0	7
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	4	3	7	2	2	2	20
-Other Disorders of Central NS	340-349	1	0	0	1	0	0	2
-Disorders of Peripheral NS	350-359	0	2	3	0	0	0	5
-Disorders of Eye	360-379	2	1	3	1	0	1	8
-Dis of Ear & Mastoid	380-389	1	0	1	0	2	1	5
CIRCULATORY SYSTEM	390-459	3	1	12	7	5	2	30
-Hypertensive Dis	401-405	1	0	2	1	2	1	7
-Ischemic Heart Dis	410-414	1	1	6	4	1	0	13
-Other Heart Dis	420-429	0	0	3	1	1	1	6
-Cerebrovascular Dis	430-438	0	0	1	0	0	0	1

(Continued)

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix I. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

Diagnostic Category		Men						TOTAL
		Job Category						
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
ICD-9-CM Code								
-Dis of Veins, Lymphatics, Other	451-459	1	0	0	1	1	0	3
RESPIRATORY SYSTEM	460-519	6	3	12	16	5	14	56
-Acute Respiratory Infections	460-466	2	0	3	7	3	6	21
-Other Dis Upper Respiratory Tract	470-478	1	1	4	4	0	1	11
-Pneumonia & Influenza	480-487	2	1	2	2	1	0	8
-Chronic Obstructive Dis	490-496	1	1	3	2	1	6	14
-Other Respiratory Dis	510-519	0	0	0	1	0	1	2
DIGESTIVE SYSTEM	520-579	8	0	5	5	3	11	32
-Oral Cavity, Saliva Glands, Jaw	520-529	1	0	0	0	0	5	6
-Esophagus, Stomach, Duodenum	530-537	0	0	1	0	1	0	2
-Appendicitis	540-543	0	0	0	1	0	1	2
-Hernia	550-553	1	0	1	1	2	1	6
-Enteritis, Colitis	555-558	0	0	1	1	0	3	5
-Other Intestinal Dis	560-569	3	0	0	1	0	1	5
-Other Digestive Dis	570-579	3	0	2	1	0	0	6
GENITOURINARY SYSTEM	580-629	4	0	1	2	1	1	9
-Other Urinary Dis	590-599	4	0	0	2	1	0	7
-Male Genital Organ Dis	600-608	0	0	1	0	0	1	2
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	1	3	0	0	4
-Infections	680-686	0	0	1	1	0	0	2
-Other	700-709	0	0	0	2	0	0	2
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	7	5	22	25	13	43	115
-Arthropathies	710-719	3	1	7	7	5	4	27
-Dorsopathies	720-724	2	3	11	10	6	33	65
-Rheumatism, Excluding Back	725-729	2	1	3	7	2	6	21
-Other Dis & Acquired Deformities	730-739	0	0	1	1	0	0	2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	7	1	22	15	11	8	64
-Symptoms	780-789	7	0	19	15	8	8	57
-Non-Specific Abnormal Findings	790-796	0	1	3	0	3	0	7
INJURY & POISONING	800-999	16	3	7	10	10	14	60
-Fracture - Neck, Trunk	805-809	2	0	0	1	0	1	4
-Fracture - Upper Limb	810-819	1	1	1	0	0	0	3
-Fracture - Lower Limb	820-829	1	0	0	0	0	1	2

(Continued)

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix I. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

Diagnostic Category		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
	ICD-9-CM Code							
-Dislocation	830-839	1	0	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	1	3	2	6
-Sprains & Strains - Other	840-845, 848	3	0	5	6	5	4	23
-Intracranial Injury	850-854	1	0	0	0	0	0	1
-Open Wound - Head, Neck, Trunk	870-879	3	0	0	0	1	0	4
-Open Wound - Upper Limb	880-887	1	0	0	0	0	1	2
-Superficial Injury	910-919	0	0	0	0	0	1	1
-Contusion	920-924	0	2	0	1	0	2	5
-Crushing Injury	925-929	1	0	0	0	0	0	1
-Foreign Body Entering Orifice	930-939	0	0	0	1	0	0	1
-Injury to Nerves & Spinal Cord	950-957	1	0	0	0	0	0	1
-Toxic Effects - Non-medicinal	980-989	1	0	0	0	0	1	2
-Unspecified Effects - External Causes	990-995	0	0	0	0	0	1	1
-Complications of Surgical/Medical Care	996-999	0	0	1	0	1	0	2
HEALTH STATUS/HEALTH SERVICE CONTACT	V01-V82	3	0	2	3	0	0	8
-Isolation & Prophylactic Measures	V07-V09	0	0	1	0	0	0	1
-Personal & Family History	V10-V19	1	0	0	0	0	0	1
-Health Services Reproduction/Development	V20-V29	0	0	0	1	0	0	1
-Specific Procedures/Aftercare	V50-V59	1	0	0	0	0	0	1
-Other Circumstances	V60-V69	1	0	1	2	0	0	4

Diagnostic Category	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Total	79	17	101	94	56	101	448

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix J. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Job Category*

		Women						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	47	6	3	0	0	56
MALIGNANT NEOPLASMS	140-208, 230-234	77	0	0	0	0	0	77
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	0	47	0	79	13	0	139
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	31	0	14	0	0	45
MENTAL DISORDERS	290-319	0	0	0	14	0	0	14
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	7	12	0	23	0	0	42
CIRCULATORY SYSTEM	390-459	0	0	0	14	0	0	14
RESPIRATORY SYSTEM	460-519	35	131	7	30	7	26	236
DIGESTIVE SYSTEM	520-579	130	23	12	46	0	0	211
GENTOURINARY SYSTEM	580-629	13	56	27	28	0	0	124
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	268	271	6	269	0	0	814
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	13	98	15	151	0	0	277
INJURY & POISONING	800-999	259	104	15	59	0	0	437

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	54	0	163	31	46	30	324
MALIGNANT NEOPLASMS	140-208, 230-234	539	0	0	65	0	0	604
ENDOCRINE/METABOLIC/IMMUNITY	240-279	0	0	41	6	284	129	460
BLOOD & BLOOD-FORMING ORGANS	280-289	5	0	0	0	0	129	134
MENTAL DISORDERS	290-319	106	4	57	0	0	0	167
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	33	33	111	7	16	8	208
CIRCULATORY SYSTEM	390-459	55	108	434	100	78	129	904
RESPIRATORY SYSTEM	460-519	37	37	108	116	27	201	526

(Continued)

*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix J. Total Number of Calendar Days Absent in Each Diagnostic Category by Gender and Job Category*

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category	ICD-9-CM Code							
DIGESTIVE SYSTEM	520-579	134	0	53	79	307	75	648
GENTOURINARY SYSTEM	580-629	69	0	15	19	259	27	389
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	7	57	0	0	64
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	193	87	486	357	151	475	1,749
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	67	6	103	73	370	161	780
INJURY & POISONING	800-999	73	58	193	116	352	223	1,015

*Absences with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	19	6.6	4.1	10.6
-Intestinal Infectious Dis	001-009	1	0.3	0.0	1.8
-Other Bacterial Dis	030-041	7	2.9	1.3	6.5
-Viral Dis with Exanthem	050-057	1	0.3	0.0	2.4
-Other Viral Dis & Chlamydiae	070-079	9	2.8	1.4	5.4
-Other Infections & Parasitic Dis	130-136	1	0.3	0.0	1.8
MALIGNANT NEOPLASMS	140-208, 230-234	12	3.8	2.1	6.7
-Lip, Oral Cavity, Pharynx	140-149	1	0.3	0.0	2.4
-Digestive & Peritoneal	150-159	1	0.3	0.0	1.8
-Respiratory & Intrathoracic	160-165	1	0.3	0.0	2.4
-Genitourinary	179-189	6	2.0	0.9	4.4
-Other & Unspecified Sites	190, 193-199	2	0.6	0.1	2.4
-Lymphatic & Hematopoietic	200-208	1	0.3	0.0	1.8
ENDOCRINE/METABOLIC/IMMUNITY	240-279	9	2.6	1.3	5.0
-Thyroid Gland Disorders	240-246	1	0.3	0.0	1.8
-Other Endocrine Gland Dis	250-259	4	1.1	0.4	3.0
-Other Metabolic & Immunity Disorders	270-279	4	1.2	0.5	3.3
BLOOD & BLOOD-FORMING ORGANS	280-289	2	0.7	0.2	2.7
MENTAL DISORDERS	290-319	8	2.8	1.4	5.9
-Psychoses	290-299	1	0.7	0.1	4.8
-Non-Psychotic Disorders	300-302, 306-316	7	2.2	1.0	4.6
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	20	7.7	4.8	12.3
-Other Disorders of Central NS	340-349	2	0.6	0.1	2.4
-Disorders of Peripheral NS	350-359	5	1.7	0.7	4.0
-Disorders of Eye	360-379	8	3.8	1.8	8.1
-Dis of Ear & Mastoid	380-389	5	1.6	0.6	3.8
CIRCULATORY SYSTEM	390-459	30	9.1	6.3	13.1
-Hypertensive Dis	401-405	7	2.2	1.0	4.6
-Ischemic Heart Dis	410-414	13	3.8	2.2	6.6
-Other Heart Dis	420-429	6	1.8	0.8	4.1
-Cerebrovascular Dis	430-438	1	0.3	0.0	1.8
-Dis of Veins, Lymphatics, Other	451-459	3	1.1	0.3	3.3
RESPIRATORY SYSTEM	460-519	56	22.1	15.9	30.6
-Acute Respiratory Infections	460-466	21	10.0	5.5	18.0
-Other Dis Upper Respiratory Tract	470-478	11	4.2	2.3	8.0
-Pneumonia & Influenza	480-487	8	2.2	1.1	4.5

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Chronic Obstructive Dis	490-496	14	5.1	2.9	8.7
-Other Respiratory Dis	510-519	2	0.6	0.1	2.4
DIGESTIVE SYSTEM	520-579	32	11.4	8.0	16.3
-Oral Cavity, Saliva Glands, Jaw	520-529	6	2.0	0.9	4.5
-Esophagus, Stomach, Duodenum	530-537	2	0.7	0.2	2.8
-Appendicitis	540-543	2	0.7	0.2	2.8
-Hernia	550-553	6	1.8	0.8	4.1
-Enteritis, Colitis	555-558	5	1.7	0.7	4.1
-Other Intestinal Dis	560-569	5	2.0	0.8	5.1
-Other Digestive Dis	570-579	6	2.4	1.1	5.6
GENTOURINARY SYSTEM	580-629	9	7.4	2.9	19.0
-Other Urinary Dis	590-599	7	6.8	2.5	18.8
-Male Genital Organ Dis	600-608	2	0.6	0.1	2.5
SKIN & SUBCUTANEOUS TISSUE	680-709	4	1.1	0.4	3.0
-Infections	680-686	2	0.6	0.1	2.5
-Other	700-709	2	0.5	0.1	2.0
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	115	37.5	31.1	45.3
-Arthropathies	710-719	27	8.9	6.1	13.1
-Dorsopathies	720-724	65	21.7	16.9	27.9
-Rheumatism, Excluding Back	725-729	21	6.3	4.0	9.8
-Other Dis & Acquired Deformities	730-739	2	0.6	0.1	2.5
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	64	21.2	16.3	27.4
-Symptoms	780-789	57	19.3	14.7	25.4
-Non-Specific Abnormal Findings	790-796	7	1.9	0.9	4.0
INJURY & POISONING	800-999	60	24.0	17.6	32.9
-Fracture - Skull	800-804	4	1.0	0.4	2.7
-Fracture - Upper Limb	810-819	3	1.3	0.4	4.4
-Fracture - Lower Limb	820-829	2	1.0	0.2	4.4
-Dislocation	830-839	1	0.3	0.0	1.8
-Sprains & Strains - Back	846-847	6	2.1	1.0	4.7
-Sprains & Strains - Other	840-845, 848	23	8.8	5.7	13.6
-Intracranial Injury	850-854	1	0.3	0.0	2.4
-Open Wound - Head, Neck, Trunk	870-879	6	4.1	1.2	13.7
-Superficial Injury	910-919	1	0.4	0.1	2.5
-Contusion	920-924	5	1.6	0.6	3.8

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Crushing Injury	925-929	1	0.3	0.0	1.8
-Foreign Body Entering Orifice	930-939	1	0.7	0.1	4.8
-Injury to Nerves & Spinal Cord	950-957	1	0.7	0.1	4.8
-Toxic Effects - Non-medicinal	980-989	2	0.7	0.2	2.8
-Unspecified Effects - External Causes	990-995	1	0.4	0.1	2.5
-Complications of Surgical/Medical Care	996-999	2	0.5	0.1	2.0
Total		440	158.0	141.5	176.3

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	6	6.1	2.7	14.0
-Intestinal Infectious Dis	001-009	1	1.4	0.2	10.0
-Other Bacterial Dis	030-041	1	1.4	0.2	10.0
-Other Viral Dis & Chlamydiae	070-079	2	1.9	0.5	7.7
-Rickettsioses & Other Arthropod	080-088	2	1.4	0.3	5.5
MALIGNANT NEOPLASMS	140-208, 230-234	3	3.5	1.1	11.4
-Digestive & Peritoneal	150-159	1	1.4	0.2	10.0
-Bone, Connective Tissue, Skin	170-173, 176	1	0.7	0.1	4.9
-Other & Unspecified Sites	190, 193-199	1	1.4	0.2	10.0
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	6	5.5	2.5	12.3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	3	2.3	0.7	7.4
-Other Endocrine Gland Dis	250-259	1	0.7	0.1	4.9
-Other Metabolic & Immunity Disorders	270-279	2	1.6	0.4	6.7
MENTAL DISORDERS	290-319	1	0.7	0.1	4.9
-Non-Psychotic Disorders	300-302, 306-316	1	0.7	0.1	4.9
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	7	6.6	3.1	14.2
-Disorders of Peripheral NS	350-359	4	3.6	1.3	9.6
-Disorders of Eye	360-379	3	3.1	0.9	9.9
CIRCULATORY SYSTEM	390-459	2	1.6	0.4	6.7
-Hypertensive Dis	401-405	1	0.7	0.1	4.9
-Other Heart Dis	420-429	1	1.0	0.1	6.8
RESPIRATORY SYSTEM	460-519	29	32.4	21.3	49.3
-Acute Respiratory Infections	460-466	12	14.2	7.1	28.7
-Other Dis Upper Respiratory Tract	470-478	2	2.4	0.5	10.8
-Pneumonia & Influenza	480-487	6	7.7	3.3	18.0
-Chronic Obstructive Dis	490-496	7	6.4	2.9	14.1
-Other Respiratory Dis	510-519	2	1.6	0.4	6.7
DIGESTIVE SYSTEM	520-579	12	13.2	7.3	23.8
-Oral Cavity, Saliva Glands, Jaw	520-529	2	2.4	0.6	9.7
-Esophagus, Stomach, Duodenum	530-537	1	1.0	0.1	6.8
-Appendicitis	540-543	1	1.0	0.1	6.8
-Hernia	550-553	1	1.7	0.2	12.2
-Enteritis, Colitis	555-558	2	1.9	0.5	7.7
-Other Intestinal Dis	560-569	3	3.6	1.1	11.8
-Other Digestive Dis	570-579	2	1.6	0.4	6.7
GENTOURINARY SYSTEM	580-629	17	25.5	14.2	45.8

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Other Urinary Dis	590-599	1	0.7	0.1	4.9
-Breast Disorders	610-611	1	0.7	0.1	4.9
-Pelvic Inflammatory Dis	614-616	1	1.7	0.2	12.2
-Other Female Disorders	617-629	14	22.4	11.7	42.7
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	52	58.0	43.5	77.5
-Arthropathies	710-719	13	15.2	8.6	27.0
-Dorsopathies	720-724	28	32.1	21.6	47.6
-Rheumatism, Excluding Back	725-729	8	6.5	3.2	13.4
-Other Dis & Acquired Deformities	730-739	3	4.2	1.4	13.1
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	37	39.3	27.9	55.4
-Symptoms	780-789	35	37.9	26.7	54.0
-Non-Specific Abnormal Findings	790-796	2	1.4	0.3	5.5
INJURY & POISONING	800-999	20	20.6	12.9	32.8
-Fracture - Skull	800-804	4	5.2	1.9	14.4
-Fracture - Upper Limb	810-819	1	0.7	0.1	4.9
-Fracture - Lower Limb	820-829	2	2.1	0.5	9.1
-Dislocation	830-839	1	1.0	0.1	6.8
-Sprains & Strains - Back	846-847	2	1.6	0.4	6.7
-Sprains & Strains - Other	840-845, 848	4	4.0	1.4	11.7
-Contusion	920-924	2	1.6	0.4	6.7
-Unspecified Effects - External Causes	990-995	2	1.6	0.4	6.7
-Complications of Surgical/Medical Care	996-999	2	2.7	0.6	11.3
Total		195	215.4	184.3	251.7

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	25	6.3	4.2	9.5
-Intestinal Infectious Dis	001-009	2	0.5	0.1	1.9
-Other Bacterial Dis	030-041	8	2.4	1.2	5.0
-Viral Dis with Exanthem	050-057	1	0.3	0.0	2.0
-Other Viral Dis & Chlamydiae	070-079	11	2.6	1.4	4.7
-Rickettsioses & Other Arthropod	080-088	2	0.4	0.1	1.5
-Other Infections & Parasitic Dis	130-136	1	0.2	0.0	1.3
MALIGNANT NEOPLASMS	140-208, 230-234	15	3.8	2.3	6.3
-Lip, Oral Cavity, Pharynx	140-149	1	0.3	0.0	2.0
-Digestive & Peritoneal	150-159	2	0.5	0.1	1.9
-Respiratory & Intrathoracic	160-165	1	0.3	0.0	2.0
-Bone, Connective Tissue, Skin	170-173, 176	1	0.2	0.0	1.3
-Genitourinary	179-189	6	1.6	0.7	3.6
-Other & Unspecified Sites	190, 193-199	3	0.8	0.2	2.4
-Lymphatic & Hematopoietic	200-208	1	0.2	0.0	1.3
BENIGN & UNCERTAIN NEOPLASMS	210-229, 235-239	6	1.5	0.7	3.3
ENDOCRINE/METABOLIC/IMMUNITY	240-279	12	2.6	1.4	4.6
-Thyroid Gland Disorders	240-246	1	0.2	0.0	1.3
-Other Endocrine Gland Dis	250-259	5	1.0	0.4	2.5
-Other Metabolic & Immunity Disorders	270-279	6	1.3	0.6	3.0
BLOOD & BLOOD-FORMING ORGANS	280-289	2	0.6	0.1	2.3
MENTAL DISORDERS	290-319	9	2.3	1.2	4.6
-Psychoses	290-299	1	0.5	0.1	3.4
-Non-Psychotic Disorders	300-302, 306-316	8	1.8	0.9	3.7
NERVOUS SYSTEM (NS) & SENSE ORGANS	320-389	27	7.4	5.0	11.0
-Other Disorders of Central NS	340-349	2	0.5	0.1	1.9
-Disorders of Peripheral NS	350-359	9	2.2	1.2	4.3
-Disorders of Eye	360-379	11	3.5	1.8	6.6
-Dis of Ear & Mastoid	380-389	5	1.2	0.5	2.9
CIRCULATORY SYSTEM	390-459	32	7.3	5.1	10.4
-Hypertensive Dis	401-405	8	1.8	0.9	3.7
-Ischemic Heart Dis	410-414	13	2.8	1.6	4.9
-Other Heart Dis	420-429	7	1.7	0.8	3.5
-Cerebrovascular Dis	430-438	1	0.2	0.0	1.3
-Dis of Veins, Lymphatics, Other	451-459	3	0.8	0.3	2.5
RESPIRATORY SYSTEM	460-519	85	25.5	19.7	33.0

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Acute Respiratory Infections	460-466	33	11.4	7.2	17.9
-Other Dis Upper Respiratory Tract	470-478	13	3.8	2.1	6.8
-Pneumonia & Influenza	480-487	14	3.8	2.2	6.8
-Chronic Obstructive Dis	490-496	21	5.6	3.6	8.7
-Other Respiratory Dis	510-519	4	0.9	0.3	2.5
DIGESTIVE SYSTEM	520-579	44	11.9	8.8	16.2
-Oral Cavity, Saliva Glands, Jaw	520-529	8	2.0	1.0	4.1
-Esophagus, Stomach, Duodenum	530-537	3	0.8	0.3	2.4
-Appendicitis	540-543	3	0.8	0.3	2.4
-Hernia	550-553	7	1.9	0.8	4.1
-Enteritis, Colitis	555-558	7	1.7	0.8	3.7
-Other Intestinal Dis	560-569	8	2.5	1.2	5.1
-Other Digestive Dis	570-579	8	2.3	1.1	4.7
GENITOURINARY SYSTEM	580-629	26	13.0	7.6	22.1
-Other Urinary Dis	590-599	8	4.6	1.8	11.7
-Male Genital Organ Dis	600-608	2	0.4	0.1	1.8
-Breast Disorders	610-611	1	0.2	0.0	1.3
-Pelvic Inflammatory Dis	614-616	1	0.5	0.1	3.4
-Other Female Disorders	617-629	14	7.3	3.5	15.0
SKIN & SUBCUTANEOUS TISSUE	680-709	4	0.8	0.3	2.2
-Infections	680-686	2	0.4	0.1	1.8
-Other	700-709	2	0.4	0.1	1.5
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	167	42.9	36.6	50.3
-Arthropathies	710-719	40	10.6	7.7	14.7
-Dorsopathies	720-724	93	24.7	19.9	30.6
-Rheumatism, Excluding Back	725-729	29	6.3	4.3	9.1
-Other Dis & Acquired Deformities	730-739	5	1.3	0.5	3.2
SYMPTOMS, SIGNS, & ILL-DEFINED CONDITIONS	780-799	101	26.3	21.3	32.3
-Symptoms	780-789	92	24.5	19.7	30.4
-Non-Specific Abnormal Findings	790-796	9	1.8	0.9	3.4
INJURY & POISONING	800-999	80	22.7	17.6	29.2
-Fracture - Skull	800-804	8	2.0	0.9	4.2
-Fracture - Upper Limb	810-819	4	1.1	0.4	3.3
-Fracture - Lower Limb	820-829	4	1.2	0.4	3.5
-Dislocation	830-839	2	0.4	0.1	1.8

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007

Absence Data

Appendix K. Age-Adjusted Illness and Injury Rates by Diagnostic Category*

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
-Sprains & Strains - Back	846-847	8	2.0	1.0	4.0
-Sprains & Strains - Other	840-845, 848	27	7.5	5.0	11.2
-Intracranial Injury	850-854	1	0.3	0.0	2.0
-Open Wound - Head, Neck, Trunk	870-879	6	2.7	0.9	8.4
-Superficial Injury	910-919	1	0.3	0.0	1.8
-Contusion	920-924	7	1.6	0.8	3.5
-Crushing Injury	925-929	1	0.2	0.0	1.3
-Foreign Body Entering Orifice	930-939	1	0.5	0.1	3.4
-Injury to Nerves & Spinal Cord	950-957	1	0.5	0.1	3.4
-Toxic Effects - Non-medicinal	980-989	2	0.5	0.1	2.1
-Unspecified Effects - External Causes	990-995	3	0.7	0.2	2.2
-Complications of Surgical/Medical Care	996-999	4	1.1	0.4	3.3
Total		635	174.8	159.8	191.2

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

Brookhaven National Laboratory 2007
OSHA Data

Appendix L. Number of Workers with at Least One OSHA Event by Gender, Age, and Job Category*

Job Category	Women					Men				TOTAL
	Age Group				TOTAL	Age Group			TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Professional	0	1	1	2	4	1	1	3	5	9
Administrative Support	1	0	1	1	3	0	0	3	3	6
Technical Support	0	0	0	1	1	1	1	2	4	5
Service	0	0	1	0	1	1	4	4	9	10
Security and Fire	0	0	0	0	0	1	1	2	4	4
Crafts	0	0	0	0	0	1	7	4	12	12
TOTAL	1	1	3	4	9	5	14	18	37	46

*Only those job categories and gender/age combinations with at least one OSHA event appear in this table.

Appendix M. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Age

Age Group	Women			Men			TOTAL		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
16 - 29	1	0	2	0	0	0	1	0	2
30 - 39	1	0	35	5	83	22	6	83	57
40 - 49	3	33	0	14	88	118	17	121	118
50 +	4	7	4	18	84	506	22	91	510
TOTAL	9	40	41	37	255	646	46	295	687

Appendix N. Total Number of Workdays Lost or with Restricted Activity from OSHA Events by Gender and Job Category*

Job Category	Women			Men			Total		
	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost	Number of Events	Days Restricted	Days Lost
Professional	4	0	35	5	28	4	9	28	39
Administrative Support	3	0	2	3	0	8	6	0	10
Technical Support	1	7	4	4	65	75	5	72	79
Service	1	33	0	9	48	123	10	81	123
Security and Fire	0	0	0	4	46	364	4	46	364
Crafts	0	0	0	12	68	72	12	68	72
Total	9	40	41	37	255	646	46	295	687

*Only those job categories with at least one OSHA event appear in this table.

Brookhaven National Laboratory 2007

OSHA Data

Appendix O. Number of Diagnoses in Each Diagnostic Category by Gender and Age*

		Women					Men				TOTAL
		Age Group				TOTAL	Age Group			TOTAL	
		16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Diagnostic Category	ICD-9-CM code										
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	0	0	0	1	0	0	1	1
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0	1	0	0	1	1
RESPIRATORY SYSTEM	460-519	1	0	0	0	1	0	0	0	0	1
-Other Dis Upper Respiratory Tract	470-478	1	0	0	0	1	0	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	0	0	0	0	0	0	0	1	1	1
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0	0	1	1	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	0	1	1	0	6	2	8	9
-Arthropathies	710-719	0	0	0	1	1	0	3	1	4	5
-Dorsopathies	720-724	0	0	0	0	0	0	3	1	4	4
INJURY & POISONING	800-999	0	1	4	5	10	4	11	18	33	43
-Fracture - Lower Limb	820-829	0	1	0	0	1	0	0	0	0	1
-Sprains & Strains - Back	846-847	0	0	0	0	0	0	3	1	4	4
-Sprains & Strains - Other	840-845, 848	0	0	0	0	0	0	0	4	4	4
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0	1	2	3	3
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0	2	1	3	3
-Complications & Unspecified Injuries	958-959	0	0	4	5	9	4	5	10	19	28

Diagnostic Category	Women					Men				TOTAL
	Age Group				TOTAL	Age Group			TOTAL	
	16 - 29	30 - 39	40 - 49	50 +		30 - 39	40 - 49	50 +		
Total	1	1	4	6	12	5	17	21	43	55

*Only those diagnostic categories and gender/age combinations with at least one OSHA event appear in this table.

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OSHA Data

Appendix P. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Age*

		Women							
		Age Group							
		16 - 29		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Other Dis Upper Respiratory Tract	470-478	0	2	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	0	0	35	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	33	0	7	4

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Arthropathies	710-719	0	0	32	27	51	69
-Dorsopathies	720-724	0	0	41	37	0	9
-Sprains & Strains - Back	846-847	0	0	15	11	0	8
-Sprains & Strains - Other	840-845, 848	0	0	0	0	51	422
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	83	22	0	43	84	136

*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/age combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007
OSHA Data

Appendix Q. Number of Occurrences in Each Accident Category by Gender and Age*

		Women			Men				TOTAL
		Age Group		TOTAL	Age Group			TOTAL	
		40 - 49	50 +		30 - 39	40 - 49	50 +		
Type of Accident	E Codes								
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	1	1	1
Falls	E880-E888	2	2	4	0	1	4	5	9
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	2	1	3	3
Other Accidents	E916-E928	1	2	3	4	11	11	26	29

*Only those accident types and gender/age combinations with at least one occurrence appear in this table.

Appendix R. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Age*

		Women			
		Age Group			
		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes				
Falls	E880-E888	0	0	0	0
Other Accidents	E916-E928	33	0	7	4

		Men					
		Age Group					
		30 - 39		40 - 49		50 +	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes						
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	20
Falls	E880-E888	0	0	15	11	70	73
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0
Other Accidents	E916-E928	83	22	73	107	14	413

*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/age combinations with at least one occurrence appear in this table.

Brookhaven National Laboratory 2007

OSHA Data

Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

Diagnostic Category		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Technical Support	Service	
ICD-9-CM Code						
RESPIRATORY SYSTEM	460-519	0	1	0	0	1
-Other Dis Upper Respiratory Tract	470-478	0	1	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	0	0	0	1
-Arthropathies	710-719	1	0	0	0	1
INJURY & POISONING	800-999	5	3	1	1	10
-Fracture - Lower Limb	820-829	1	0	0	0	1
-Complications & Unspecified Injuries	958-959	4	3	1	1	9

Diagnostic Category	Women				
	Job Category				TOTAL
	Professional	Administrative Support	Technical Support	Service	
Total	6	4	1	1	12

Diagnostic Category		Men						
		Job Category					TOTAL	
		Professional	Administrative Support	Technical Support	Service	Security and Fire		Crafts
ICD-9-CM Code								
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	0	0	1	0	0	0	1
-Other Infections & Parasitic Dis	130-136	0	0	1	0	0	0	1
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0	0	0	0	0	1
-Other Inflammatory Conditions	690-698	1	0	0	0	0	0	1
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	0	0	1	3	0	4	8
-Arthropathies	710-719	0	0	1	1	0	2	4
-Dorsopathies	720-724	0	0	0	2	0	2	4
INJURY & POISONING	800-999	4	3	4	6	7	9	33
-Sprains & Strains - Back	846-847	0	1	0	0	3	0	4
-Sprains & Strains - Other	840-845, 848	1	0	1	0	2	0	4
-Open Wound - Upper Limb	880-887	1	0	0	0	0	2	3
-Foreign Body Entering Orifice	930-939	0	0	1	0	0	2	3
-Complications & Unspecified Injuries	958-959	2	2	2	6	2	5	19

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

Appendix S. Number of Diagnoses in Each Diagnostic Category by Gender and Job Category*

	Men						
	Job Category						TOTAL
	Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Diagnostic Category							
Total	5	3	6	9	7	13	43

*Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category*

		Women							
		Job Category							
		Professional		Administrative Support		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes								
-Other Dis Upper Respiratory Tract	470-478	0	0	0	2	0	0	0	0
-Arthropathies	710-719	0	0	0	0	0	0	0	0
-Fracture - Lower Limb	820-829	0	35	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	0	0	0	0	7	4	33	0

*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

Appendix T. Number of Workdays Lost or with Restricted Activity in Each Diagnostic Category by Gender and Job Category*

		Men					
		Job Category					
		Professional		Administrative Support		Technical Support	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Arthropathies	710-719	0	0	0	0	51	69
-Dorsopathies	720-724	0	0	0	0	0	0
-Sprains & Strains - Back	846-847	0	0	0	8	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	0	51	69
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	28	4	0	0	65	75

		Men					
		Job Category					
		Service		Security and Fire		Crafts	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Diagnostic Category	ICD-9-CM Codes						
-Other Infections & Parasitic Dis	130-136	0	0	0	0	0	0
-Other Inflammatory Conditions	690-698	0	0	0	0	0	0
-Arthropathies	710-719	29	27	0	0	3	0
-Dorsopathies	720-724	0	23	0	0	41	23
-Sprains & Strains - Back	846-847	0	0	15	11	0	0
-Sprains & Strains - Other	840-845, 848	0	0	0	353	0	0
-Open Wound - Upper Limb	880-887	0	0	0	0	0	0
-Foreign Body Entering Orifice	930-939	0	0	0	0	0	0
-Complications & Unspecified Injuries	958-959	19	73	31	0	24	49

*OSHA events with >1 ICD-9-CM code in the same diagnostic category were counted only once. Only those diagnostic categories and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

Appendix U. Number of Occurrences in Each Accident Category by Gender and Job Category*

		Women				
		Job Category				TOTAL
		Professional	Administrative Support	Technical Support	Service	
Type of Accident	E CODES					
Falls	E880-E888	2	2	0	0	4
Other Accidents	E916-E928	1	0	1	1	3

		Men						
		Job Category						TOTAL
		Professional	Administrative Support	Technical Support	Service	Security and Fire	Crafts	
Type of Accident	E CODES							
Motor Vehicle Nontraffic	E820-E825	0	0	0	1	0	0	1
Falls	E880-E888	1	1	1	1	1	0	5
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	1	0	0	2	3
Other Accidents	E916-E928	3	2	1	7	3	10	26

*Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

Appendix V. Number of Workdays Lost or with Restricted Activity in Each Accident Category by Gender and Job Category*

		Women							
		Job Category							
		Professional		Administrative Support		Technical Support		Service	
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Falls	E880-E888	0	0	0	0	0	0	0	0
Other Accidents	E916-E928	0	0	0	0	7	4	33	0

		Men							
		Job Category							
		Professional		Administrative Support		Technical Support			
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Motor Vehicle Nontraffic	E820-E825	0	0	0	0	0	0	0	0
Falls	E880-E888	0	0	0	0	51	69		
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0		
Other Accidents	E916-E928	28	4	0	8	14	6		

		Men							
		Job Category							
		Service		Security and Fire		Crafts			
		Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost	Days Restricted	Days Lost
Type of Accident	E Codes								
Motor Vehicle Nontraffic	E820-E825	0	20	0	0	0	0		
Falls	E880-E888	19	4	15	11	0	0		
Submersion/Suffocation/Foreign Bodies	E910-E915	0	0	0	0	0	0		
Other Accidents	E916-E928	29	99	31	353	68	72		

*OSHA events with >1 E code in the same accident type were counted only once. Only those accident types and gender/job category combinations with at least one occurrence appear in this table.

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OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category*

Part 1. Men

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0.7	0.1	4.8
-Other Infections & Parasitic Dis	130-136	1	0.7	0.1	4.8
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0.3	0.0	1.8
-Other Inflammatory Conditions	690-698	1	0.3	0.0	1.8
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	8	2.6	1.3	5.3
-Arthropathies	710-719	4	1.3	0.5	3.6
-Dorsopathies	720-724	4	1.3	0.5	3.6
INJURY & POISONING	800-999	33	11.4	7.9	16.4
-Sprains & Strains - Back	846-847	4	1.3	0.5	3.6
-Sprains & Strains - Other	840-845, 848	4	1.0	0.4	2.7
-Open Wound - Upper Limb	880-887	3	1.0	0.3	3.0
-Foreign Body Entering Orifice	930-939	3	1.0	0.3	3.0
-Complications of Surgical/Medical Care	996-999	19	7.1	4.4	11.6
Total		43	15.0	10.9	20.6

Part 2. Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
RESPIRATORY SYSTEM	460-519	1	3.8	0.5	26.9
-Other Dis Upper Respiratory Tract	470-478	1	3.8	0.5	26.9
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	1	1.4	0.2	10.0
-Arthropathies	710-719	1	1.4	0.2	10.0
INJURY & POISONING	800-999	10	10.4	5.4	20.0
-Fracture - Lower Limb	820-829	1	1.7	0.2	12.2
-Complications of Surgical/Medical Care	996-999	9	8.7	4.4	17.1
Total		12	15.6	8.0	30.5

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.

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OSHA Data

Appendix W. Age-Adjusted OSHA Illness and Injury Rates by Diagnostic Category*

Part 3. Men and Women

		Number of Diagnoses	Age-Adjusted Rate per 1,000**	Lower 95% Confidence Limit per 1,000	Upper 95% Confidence Limit per 1,000
Diagnostic Category	ICD-9-CM Code				
INFECTIOUS & PARASITIC DISEASES (DIS)	001-139	1	0.5	0.1	3.4
-Other Infections & Parasitic Dis	130-136	1	0.5	0.1	3.4
RESPIRATORY SYSTEM	460-519	1	1.5	0.2	10.4
-Other Dis Upper Respiratory Tract	470-478	1	1.5	0.2	10.4
SKIN & SUBCUTANEOUS TISSUE	680-709	1	0.2	0.0	1.3
-Other Inflammatory Conditions	690-698	1	0.2	0.0	1.3
MUSCULOSKELETAL & CONNECTIVE TISSUE	710-739	9	2.2	1.1	4.3
-Arthropathies	710-719	5	1.3	0.5	3.0
-Dorsopathies	720-724	4	1.0	0.4	2.6
INJURY & POISONING	800-999	43	11.0	8.0	15.1
-Fracture - Lower Limb	820-829	1	0.5	0.1	3.4
-Sprains & Strains - Back	846-847	4	1.0	0.4	2.6
-Sprains & Strains - Other	840-845, 848	4	0.8	0.3	2.0
-Open Wound - Upper Limb	880-887	3	0.7	0.2	2.3
-Foreign Body Entering Orifice	930-939	3	0.7	0.2	2.2
-Complications of Surgical/Medical Care	996-999	28	7.4	5.0	11.0
Total		55	15.4	11.2	21.1

*Only those diagnostic categories with at least one occurrence appear in this table.

**Standardized to age distribution of 2000 U.S. population.